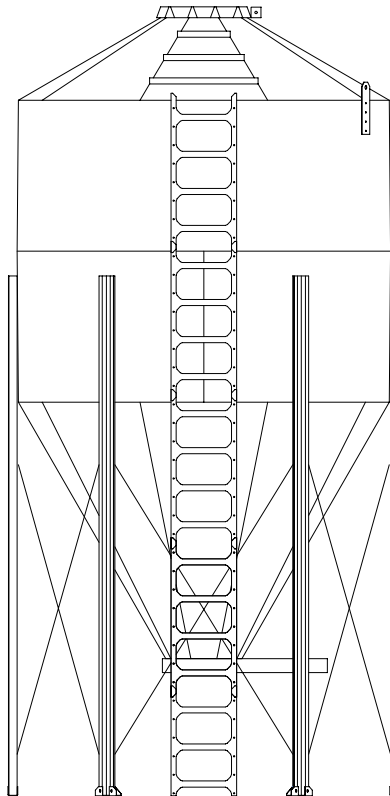


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R020221

SCAFCO®
HOPPER BOTTOM BINS
6', 9', 12' & 15' CENTER DRAW
ASSEMBLY INSTRUCTIONS

IMPORTANT
READ THESE INSTRUCTIONS CAREFULLY FOR
SAFETY AND PROPER BIN INSTALLATION





WARNING TO CUSTOMERS AND CONTRACTORS

W A R N I N G ! ! !

Grain storage silos and liquid storage tanks are structures that are constantly under static and dynamic forces in varying degrees. ScafcO Grain Bins/Silos, Hopper Bottom Tanks and Liquid Storage Tanks are designed and manufactured to withstand these forces when properly installed.

Proper assembly and installation of these storage structures will provide long years of service to our customers. To help ensure this, the Contractors and Customers who plan to install the structure themselves must follow the guidelines listed below:

- The Contractor/Customer should follow the Installation Manuals and Drawings supplied with the product.
- The Installation Manuals and Drawings should be thoroughly studied prior to the start of installation work.
- The Contractor/Customer should contact ScafcO Customer Service to verify or clarify any question they have on the instructions or drawings before starting installation work.
- If any question, doubt or difficulty arises during the process of installation, the Contractor/Customer should contact ScafcO Customer Service to get an answer or instruction to resolve the problem.
- **Non-compliance with the instructions shown in the manuals and/or drawings, or unauthorized modification/s, may result in structural damage/failure, injury or DEATH !**
- **Non-compliance with the instructions shown in the manuals and/or drawings, including unauthorized modification/s, will void the Manufacturer's Warranty.**
- While every effort is made to insure that the drawings and instructions are without errors, they can happen. Therefore, if you have any concerns, doubts or questions regarding the correctness of any instruction or drawing, please contact us immediately for clarification prior to proceeding.



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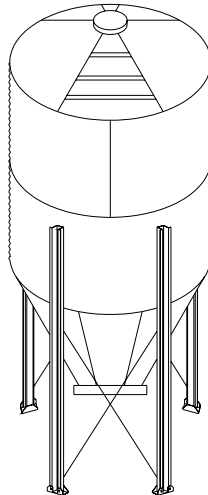
SCAFCO HOPPER BOTTOM BIN LIMITED WARRANTY

PERFORMANCE. Scafco warrants that new products manufactured by it will be free from defects in material or workmanship when shipped. In addition, if the products are installed in a proper and workmanlike manner and in accordance with current Scafco instructions, and if they are thereafter used and maintained in accordance with such instructions, the products will perform properly without structural or operational failure. Components of products manufactured by others such as motors, starters, or other trade accessories are only warranted to the extent warranted by their respective manufacturers.

LENGTH OF GUARANTEED PERFORMANCE. The foregoing warranty shall be effective for a period of one (1) year after installation, unless otherwise specifically provided in writing by Scafco Corporation prior to installation.

FAILURE OF PERFORMANCE AND REQUIRED NOTICE. If Scafco fails to conform to the above warranty, and if Scafco is notified of the defect in writing prior to the end of the warranty period, Scafco will provide the material necessary to correct such failure either by repair or, at its option, by replacement of materials.

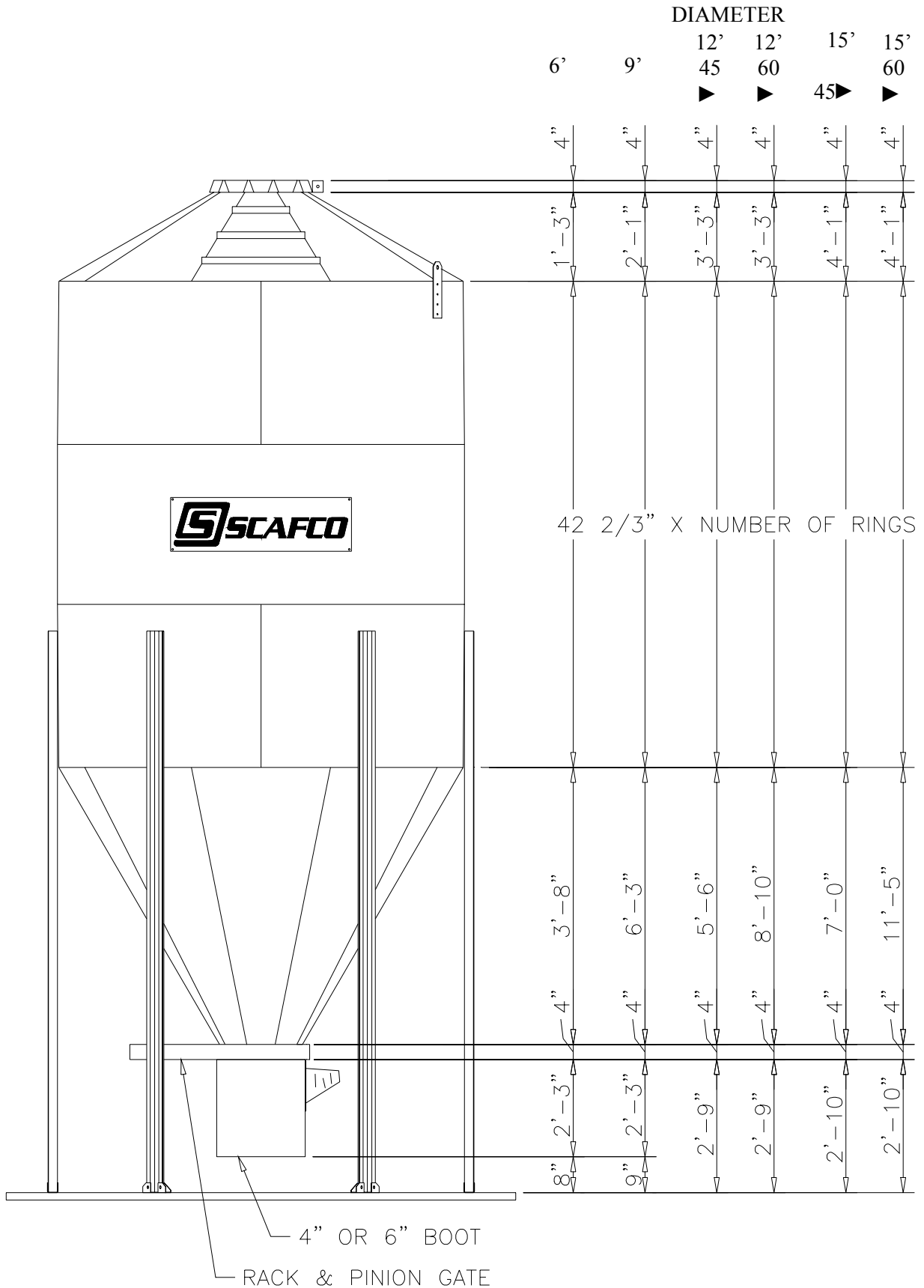
NO OTHER AGREEMENTS. This warranty, which is given only to the initial owner and to the Scafco dealer without right of assignment, IS GIVEN EXPRESSLY AND IN LIEU OF ALL OTHER WARRANTIES, INCLUDING EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.



WARNING: Galvanized materials are subject to unsightly “white rust” if moisture penetrates the wall sheet bundle. To avoid this condition, separate wall sheets so that air can dry wall sheets.

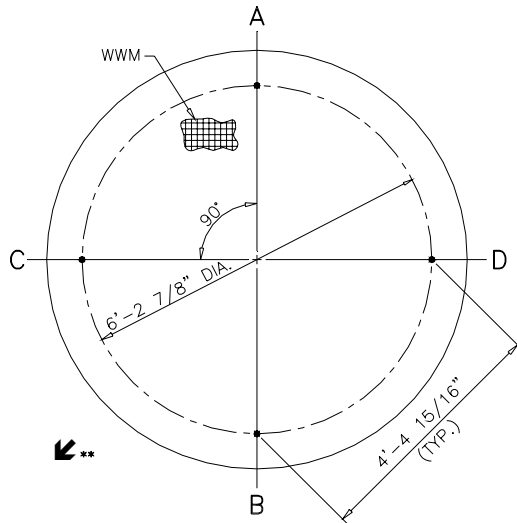
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

HEIGHT REQUIREMENTS



6' DIAMETER FOUNDATION

1. Pour round slab 7'-6" diameter. Place wire mesh 6" x 6" No. 10 two (2) inches below slab surface. Slab to be 8" thick.
2. Requires approximately 1.1 cubic yards of concrete.
3. Draw template for anchor bolts as follows:



Describe circle with $37 \frac{7}{16}$ " radius.
Determine line A to B.

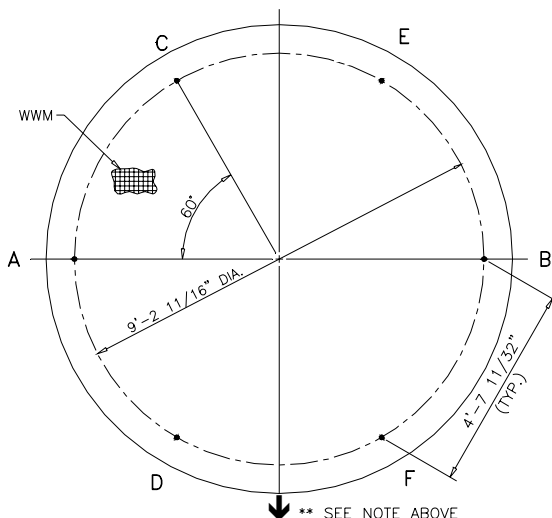
Make 90° angle at center to determine both C & D.

Resulting distance between each point should be $52 \frac{15}{16}$ ".

**The arrow indicates direction of unloading auger.
Orient slab according to bin location needs.

9' DIAMETER FOUNDATION

1. Pour a 10'-6" diameter slab, 8" thick. Place 6 x 6 x 10 gauge welded wire mesh 2" below surface. Requires approximately 2.2 cubic yards of concrete.
2. A square slab requires approximately 2.8 cubic yards of concrete.
3. Locate the anchor bolts as follows:



Determine line A to B (center line).

Describe a circle with a $55 \frac{11}{32}$ " radius.

From A use radius for point C & D.

From B use radius for point E & F.

From E use radius for point C, a check.

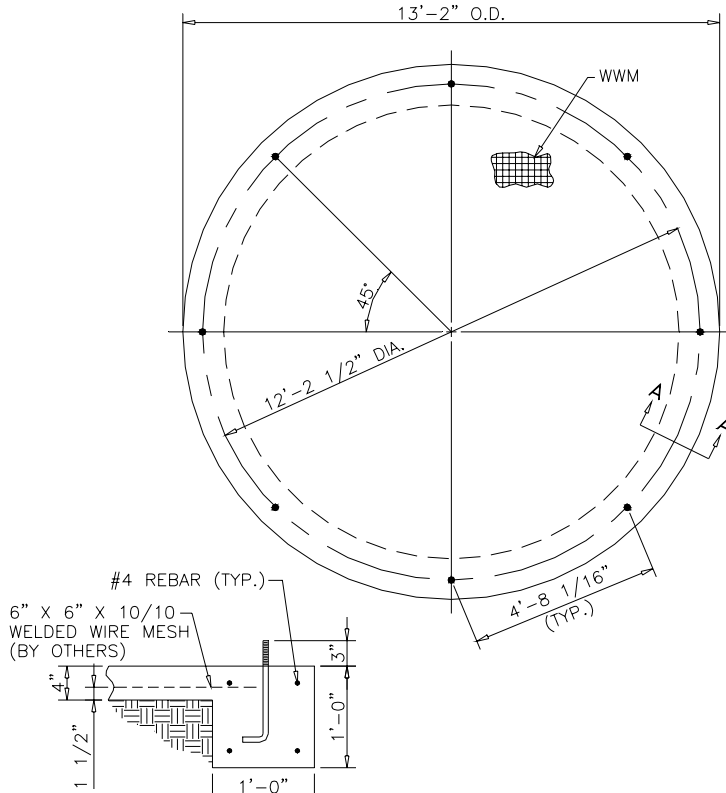
From F use radius for point D, a check.

If the above is properly done, the distance between all points is $55 \frac{11}{32}$ ".

NOTE: When pouring a slab or pads, the anchor bolts must be placed precisely. Use $\frac{5}{8}$ " diameter x 12" anchor bolts. Foundation design based on bearing of 2,000 lbs/square foot.

Remember that when the bin is placed on the slab, the leg braces should be left somewhat loose so that the anchor bolts can be met properly. After a reasonable fit is obtained, all braces and legs should be tightened. Contact Scafco engineering department if soil bearing conditions do not meet the conditions listed above.

12' DIAMETER FOUNDATION



SECTION A-A

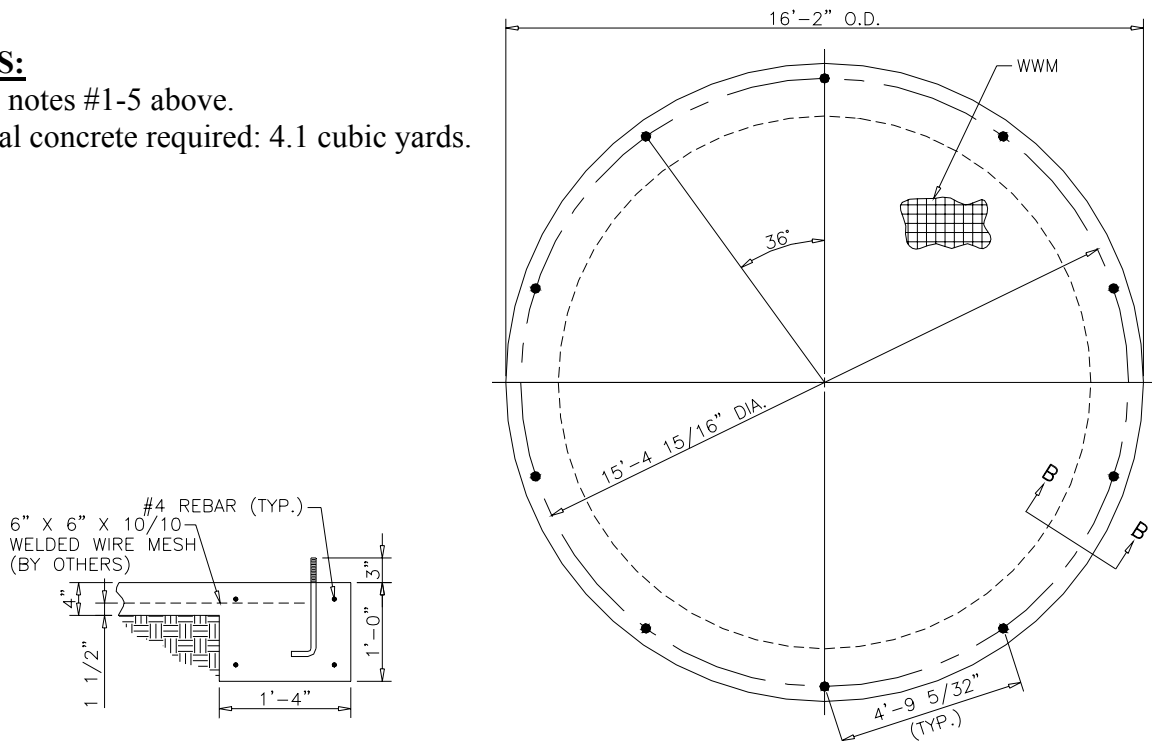
NOTES:

1. Foundation site should be well drained on undisturbed earth or well compacted backfill.
2. Foundation design is based on uniform soil bearing capacity of 4000 pounds per square foot. Design is based on ultimate compressive strength of concrete at 28 days of 3000 pounds per square inch.
3. A level foundation is necessary for proper bin alignment.
4. Accurate anchor bolt placement is required to maintain bin roundness.
5. Anchor bolts to be 5/8" diameter x 12" (supplied by contractor).
6. Total concrete required: 2.7 cubic yards.

15' DIAMETER FOUNDATION

NOTES:

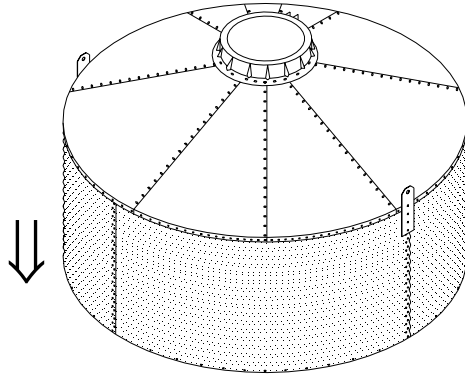
1. See notes #1-5 above.
2. Total concrete required: 4.1 cubic yards.



SECTION B-B

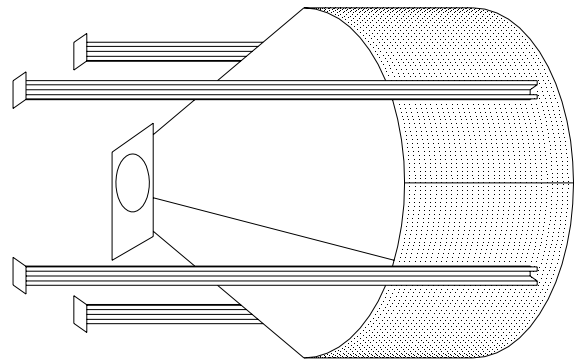
ERECTION SUGGESTIONS

6' & 9' BULK-FLO BINS

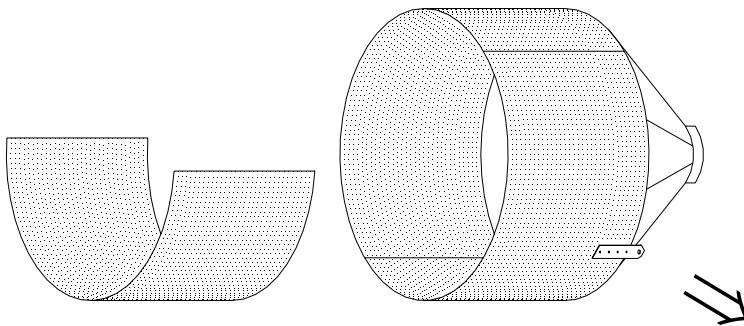


WHEN UNLOADING BIN, CHECK ALL PARTS RECEIVED AGAINST PACKING LIST FOR POSSIBLE SHORTAGES. REPORT SHORTAGES TO FACTORY IMMEDIATELY.

1. Assembly top ring and roof assembly. Caulk and bolt vertical seams. Leave bolt out of bottom hole until next ring is attached. Do not tighten bolts.
2. Assemble bottom ring, hopper and leg assembly as explained in following pages.



3. Assemble additional rings of wall sheets. Be sure to stagger each vertical seam with that of the sheet above it.

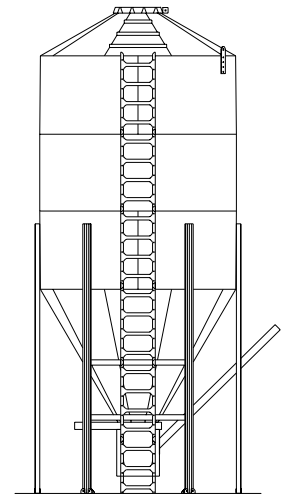


4. Join bottom ring – hopper assembly to top assembly.

5. Using the lifting lugs, the assembled bin may now be set up right and lifted onto pad.

NOTE:

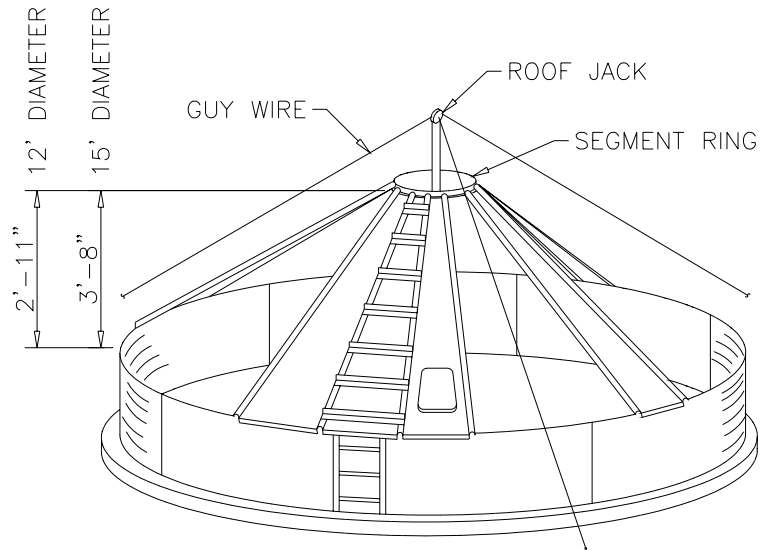
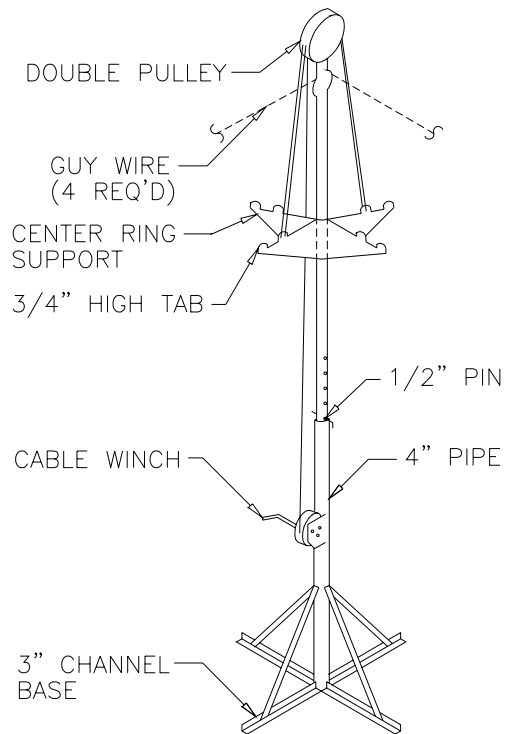
These instructions are based on assembling the bin in the horizontal position on the ground and then setting the completely assembled bin on its foundation. This eliminates the use of scaffolding and reduces erection time. If bin is to be assembled in vertical position, assemble bottom ring, hopper and legs on the ground. Raise onto foundation and complete assembly by scaffolding.



TIGHTEN ALL BOLTS

ERECTION SUGGESTIONS

12' & 15' BULK-FLO BINS



SUGGESTED ROOF ERECTION

SUGGESTED ROOF JACK CONSTRUCTION

NOTES:

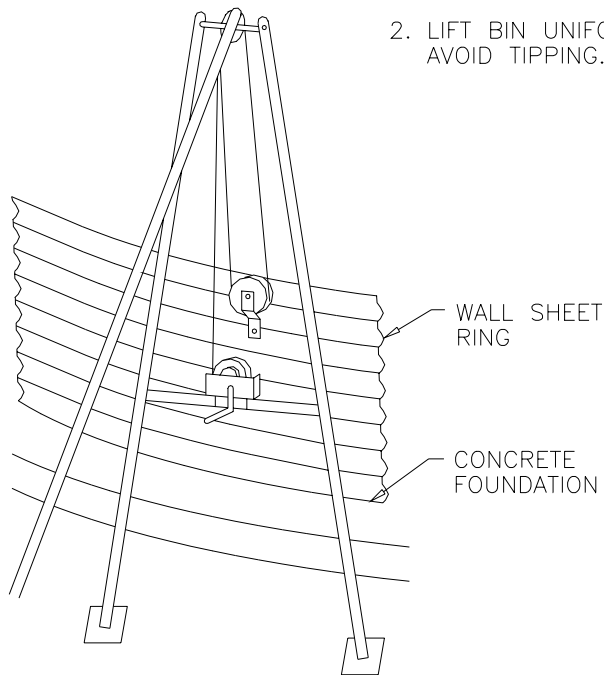
1. Place segment ring support in center of anchor bolt circle on foundation.
2. Attach segment ring securely to cross-arm segment ring support to prevent lateral movement and twisting.
3. Attach and secure guy wires to insure a stable support for segment ring and roof assembly.
4. Assemble top row of wall sheets. Caulk ALL vertical seams with bead sealant.
5. Do not tighten bolts at this time.
6. Make sure the top row of wall sheets is precisely centered on anchor bolts. Measure bin in several locations to assure bin is round. Roof erection can now begin.

ERECTION SUGGESTIONS

12' & 15' BULK-FLO BINS

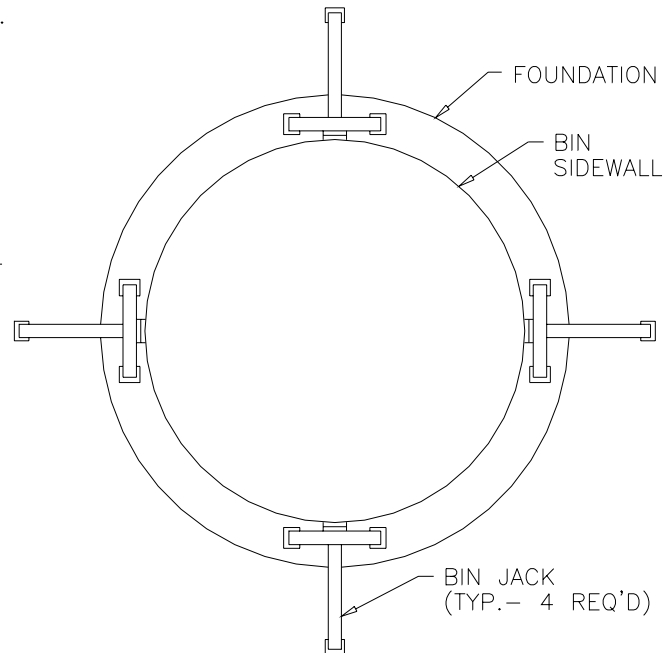
SAFETY NOTES:

1. TO RAISE BINS SAFELY, A MINIMUM OF 4 JACKS SHOULD BE USED IN LIFTING THE BIN.
2. LIFT BIN UNIFORMLY TO AVOID TIPPING.



A-FRAME JACK WITH WINCH

5:1 GEAR RATIO WITH 5000 LB. LIFTING CAPACITY,
1/4" AIRCRAFT CABLE USED WITH WINCH.



JACKING PLAN

SUGGESTED JACKING METHOD:

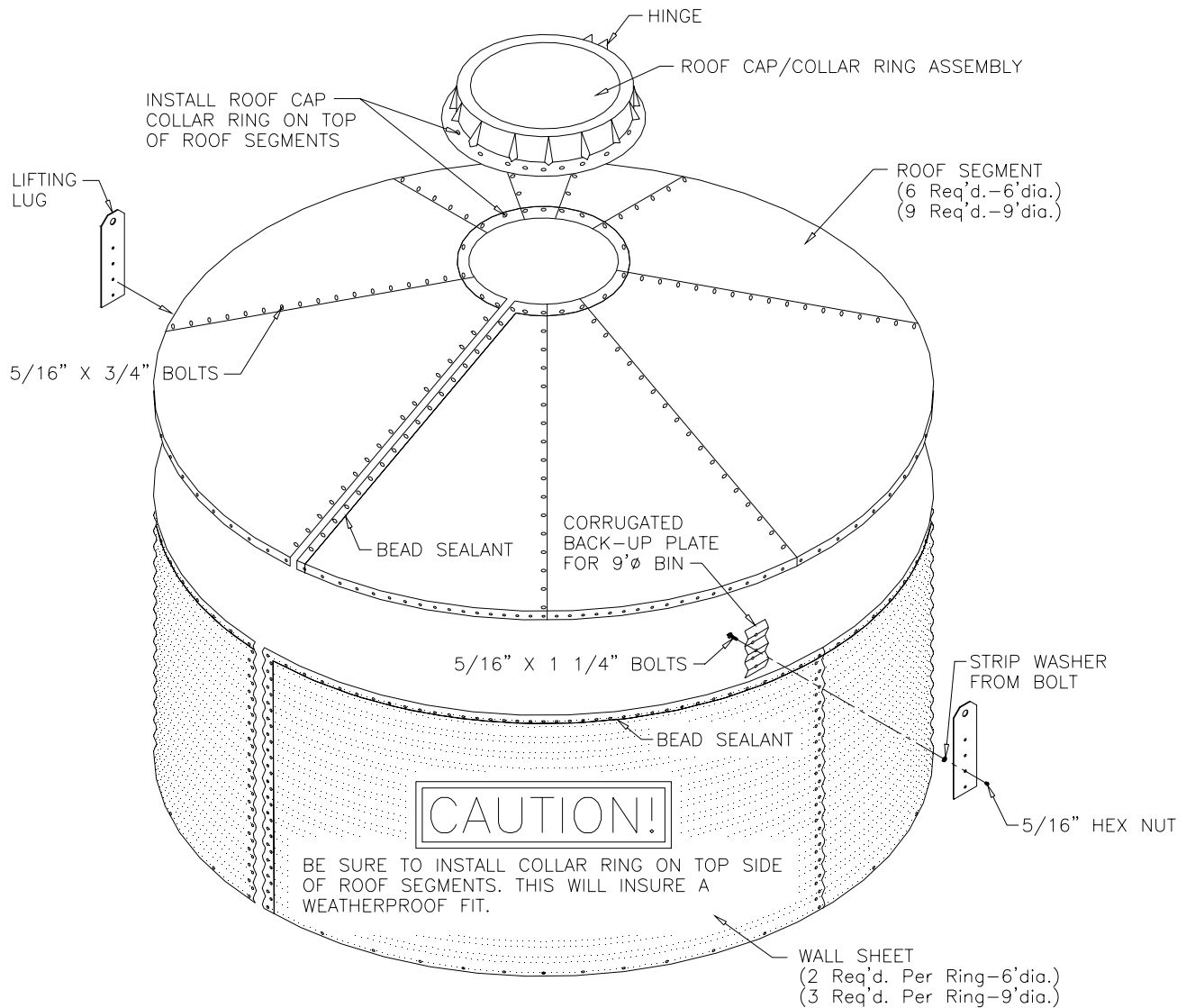
1. It is very important to lift the bin slowly and evenly.
2. Guy wires attached to the eaves and guyed to the ground are good insurance against unsuspected high winds. **Overnight, lower bin to concrete floor.**

15' DIAMETER BINS:

15' hopper bins can be jacked in the same manner as the 12' hopper bin, except for installing the legs. For installing 15' hopper legs, it is necessary to lift the bin with a boom crane due to additional hopper height.

1. Attach a mounted tire to the cable of a boom and press tire under segment ring (see roof assembly).
2. **CAUTION:** Remove tire from silo after attaching legs (before hopper assembly).

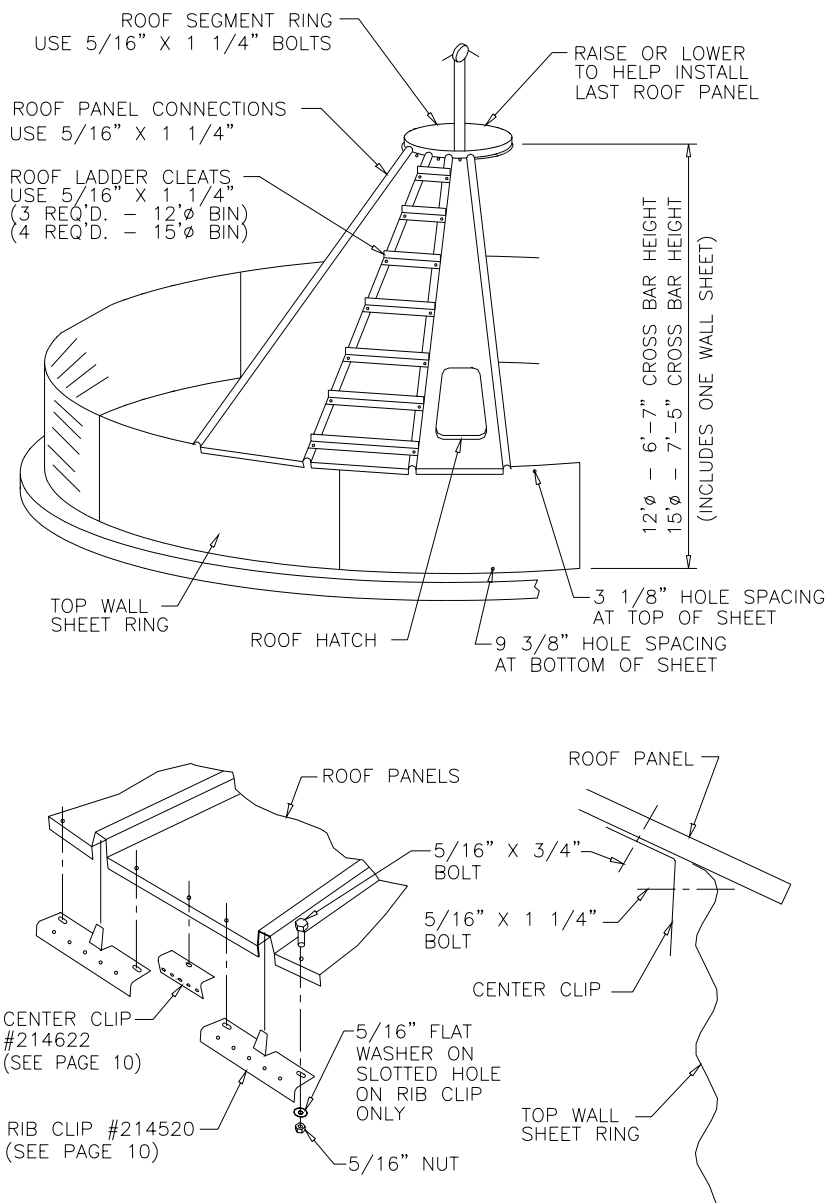
ROOF ASSEMBLY 6' & 9' BULK-FLO BINS



NOTES:

1. Roof segment sheets fit outside wall sheet ring.
2. Top sheets must overlap lower sheets.
3. Center lifting lug between two of the legs and opposite each other.
4. Use bead sealant on all seams of roof assembly for weatherproofing.
5. For proper fitting roof, leave roof bolted loosely until roof collar ring has been installed, then tighten all roof and collar ring bolts.
6. Corrugated back-up plates are standard on 9' diameter bins. Back-up plates may be purchased for other sizes upon request.

ROOF ASSEMBLY 12' & 15' BULK-FLO BINS

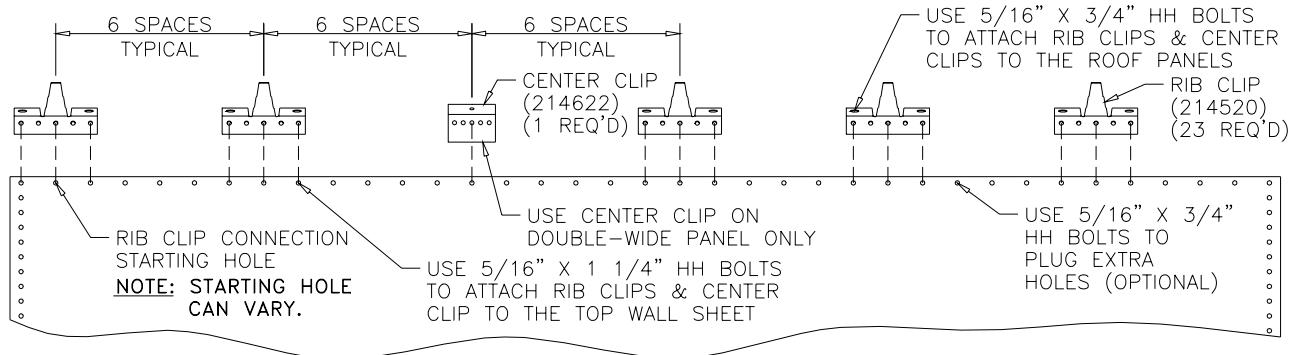


NOTES:

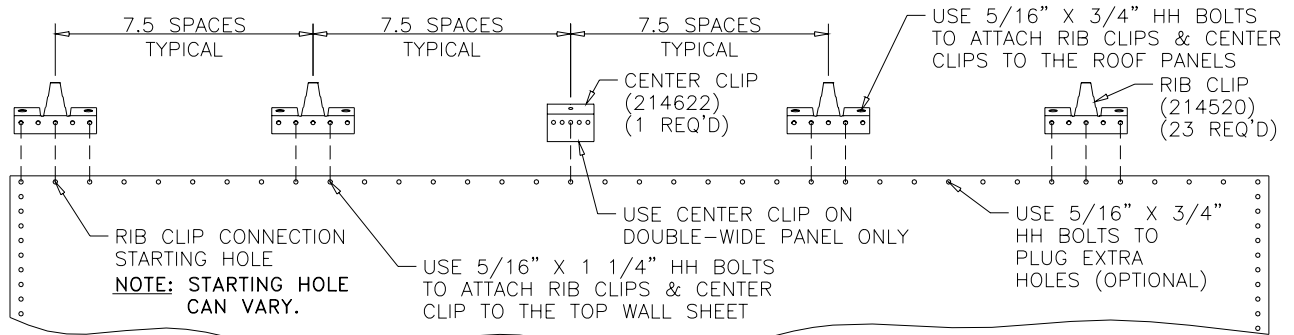
1. Place a roof segment with the holes in the small end lined up with the holes in the segment ring and the center hole (two center holes for 15' bin) in the large end lined up with the roof support clips, then bolt together loosely, repeat this procedure at 180°, then at 90°, until roof segments are at 90° to each other.
2. Overlap another roof segment with already installed roof segment. Bolt loosely to each other and at segment ring and rib clip. Continue this procedure around the bin so the last four segments to be attached will be 90° apart.
3. Attach the roof ladder angles adjacent to the inspection hatch on the left side.
4. When all roof segments are in place, tighten all bolts. Also, attach safety step angles or roof safety ring angles to roof panels as shown in details above. (Safety ring is curved to correct roof diameter, but requires field cutting to correct length).
5. Lower and remove the segment ring support, the roof is now self-supporting.
6. Attach the cap and weatherskirt assembly to the roof segment panels.

RIB & CENTER CLIP CONNECTIONS

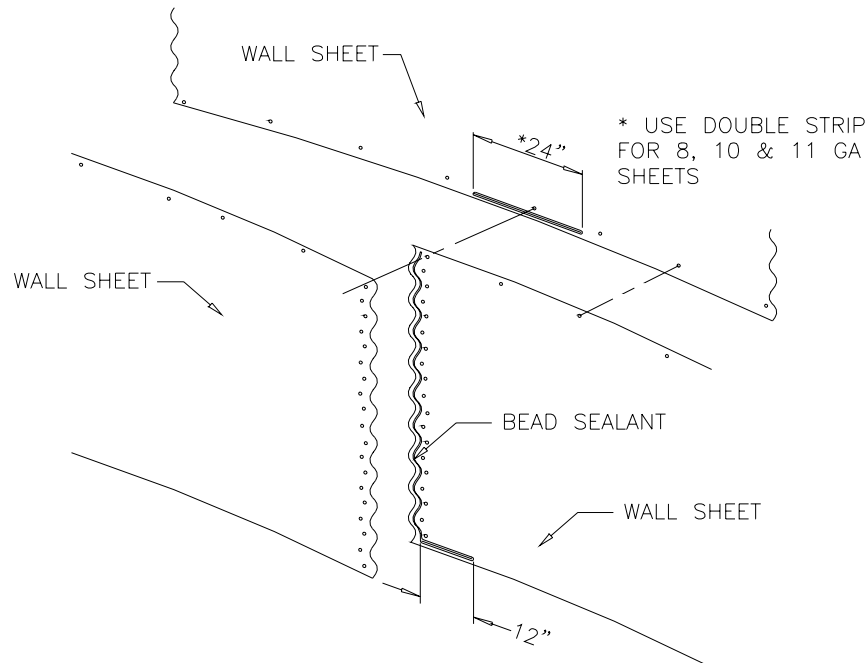
12' DIAMETER BINS



15' DIAMETER BINS

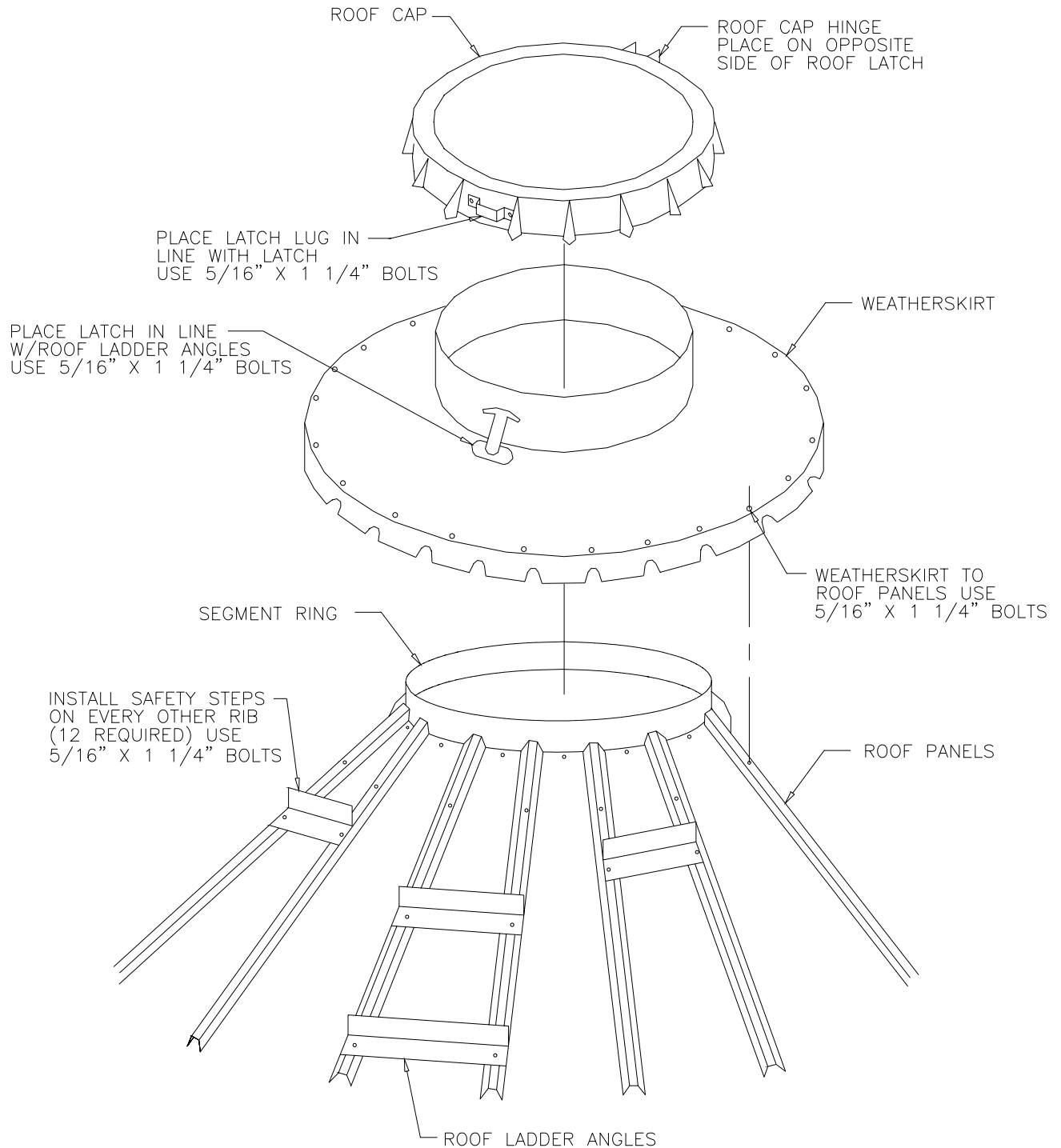


WALL SHEET SEALING DETAIL

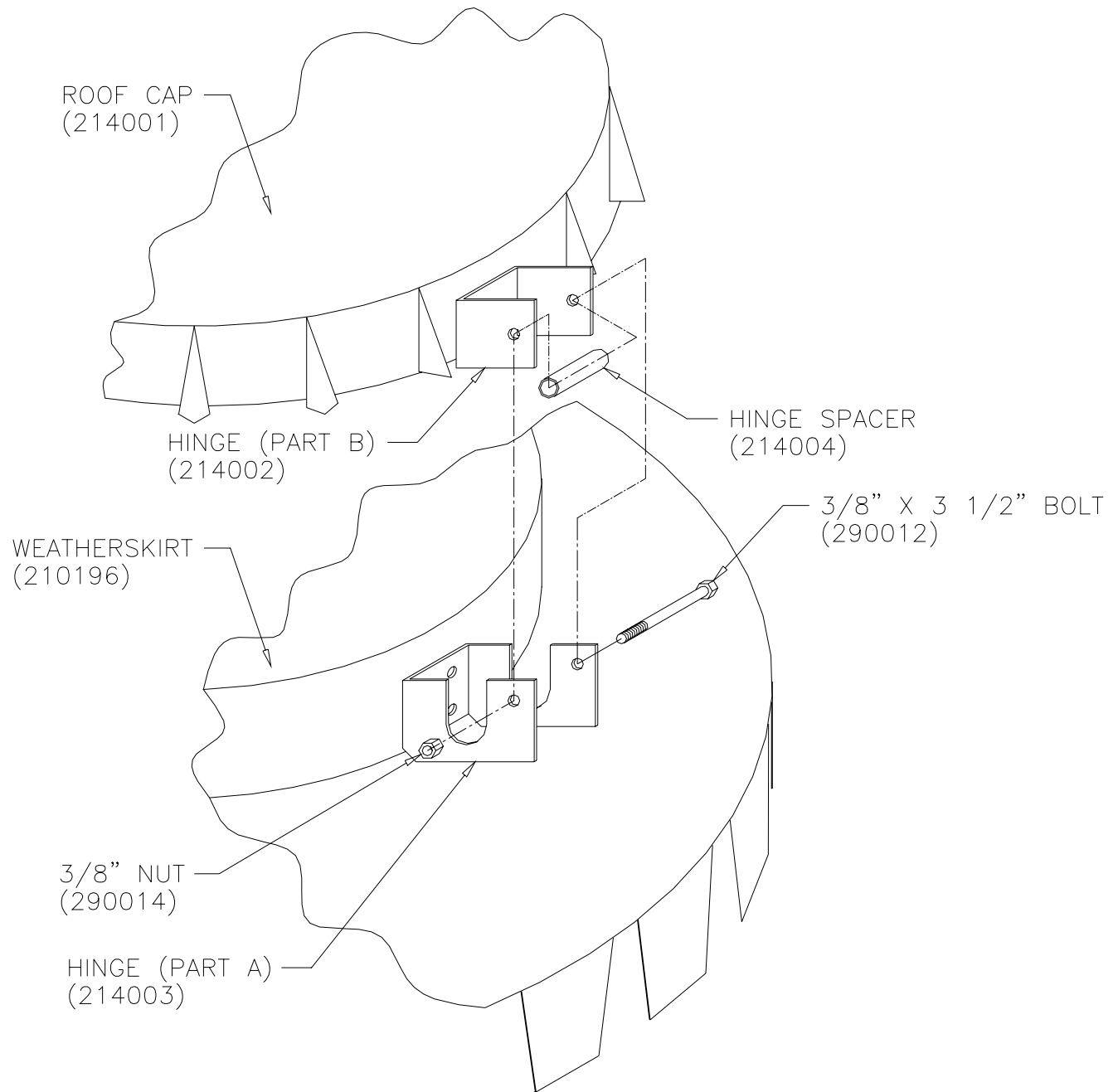


WEATHERSKIRT & CAP INSTALLATION

12' & 15' BULK-FLO BINS



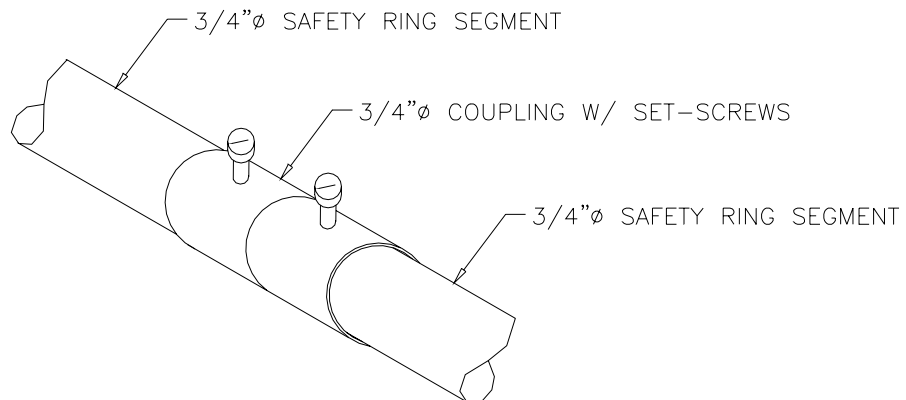
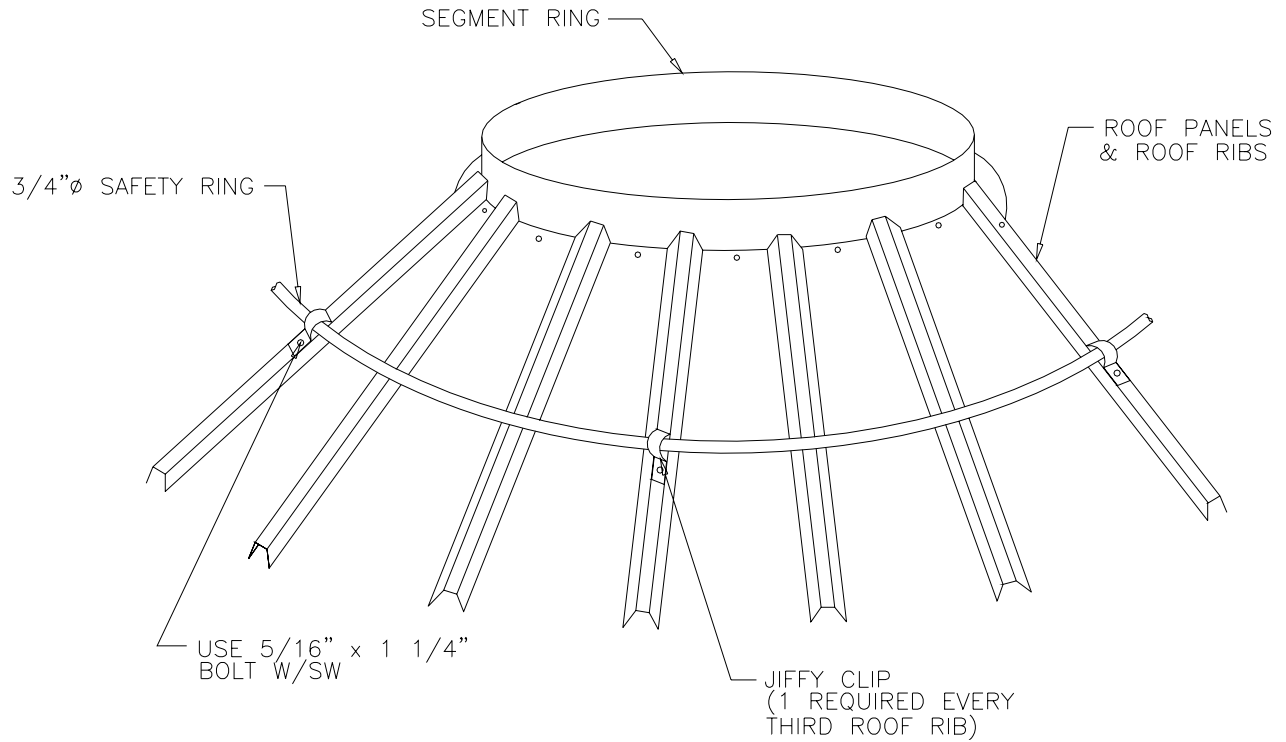
ROOF CAP HINGE INSTALLATION
12' & 15' BULK-FLO BINS



OPTIONAL SAFETY RING INSTALLATION (IN PLACE OF SAFETY STEPS)

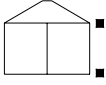
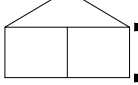
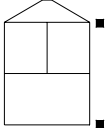
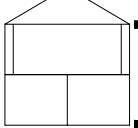
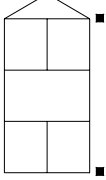
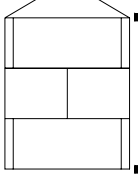
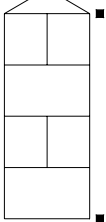
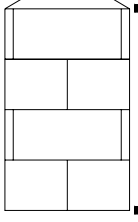
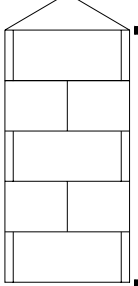
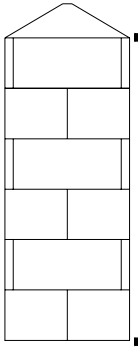
NOTE:

Safety ring segment is curved to bin roof diameter. Field cut last segment to required length before joining with 3/4" coupling.



WALL SHEET LAYOUT

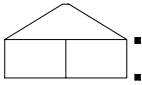
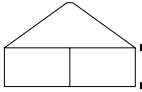
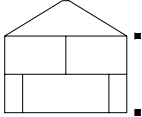
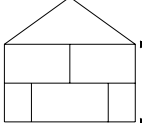
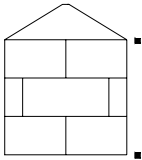
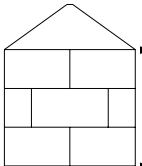
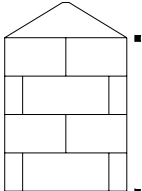
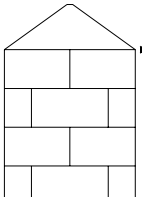
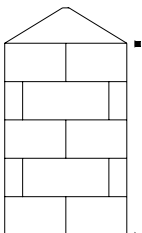
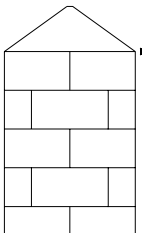
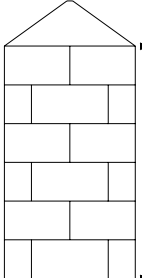
6' & 9' BULK-FLO BINS

6' Dia.	2 Sheets Req. Per Ring	Gauge & Color Code	9' Dia.	3 Sheets Req. Per Ring	Gauge & Color Code
6601		20 Gauge-Black	9601		17 Gauge-Red
6602		20 Gauge-Black 20 Gauge-Black	9602		20 Gauge-Black 17 Gauge-Red
6603		20 Gauge-Black 20 Gauge-Black 20 Gauge-Black	9603		20 Gauge-Black 20 Gauge-Black 17 Gauge-Red
6604		20 Gauge-Black 20 Gauge-Black 20 Gauge-Black 17 Gauge-Red	9604		20 Gauge-Black 20 Gauge-Black 17 Gauge-Red 17 Gauge-Red
NOTE: 1. All horizontal seam bolt spacing is 9 3/8" (238 mm) o.c., except those marked ■; bolt spacing is 3 1/8" (79 mm) o.c. 2. Upper wall sheet ring always overlaps the wall sheet ring below it. 3. Wall sheets must be installed as shown in the Wall Sheet Layout. 4. Top Wall Sheets are punched @ 3 1/8" (79 mm) o.c. at the top of the sheet and 9 3/8" (238 mm) o.c. at the bottom of the sheet. 5. Due to manufacturing limitations, 20 Ga & 18 Ga Intermediate Wall Sheets are punched with 37 holes spaced at 3 1/8" (79 mm) o.c. on the top seam and 13 holes spaced at 9 3/8" (238 mm) o.c. on the bottom seam, similar to Top Wall Sheets. Refer back to Note 1 and Note 2. a. DO NOT INVERT wall sheets to make the holes match. Upper wall sheet covers extra holes on top seam of lower wall sheet. b. IT IS NOT NECESSARY TO FIELD DRILL the bottom seam of the upper wall sheets to match the extra holes on the top seam of the wall sheets below.			9605		20 Gauge-Black 20 Gauge-Black 17 Gauge-Red 17 Gauge-Red 14 Gauge-Green
			9606		20 Gauge-Black 20 Gauge-Black 17 Gauge-Red 17 Gauge-Red 14 Gauge-Green 14 Gauge-Green

WALL SHEET GAUGES SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

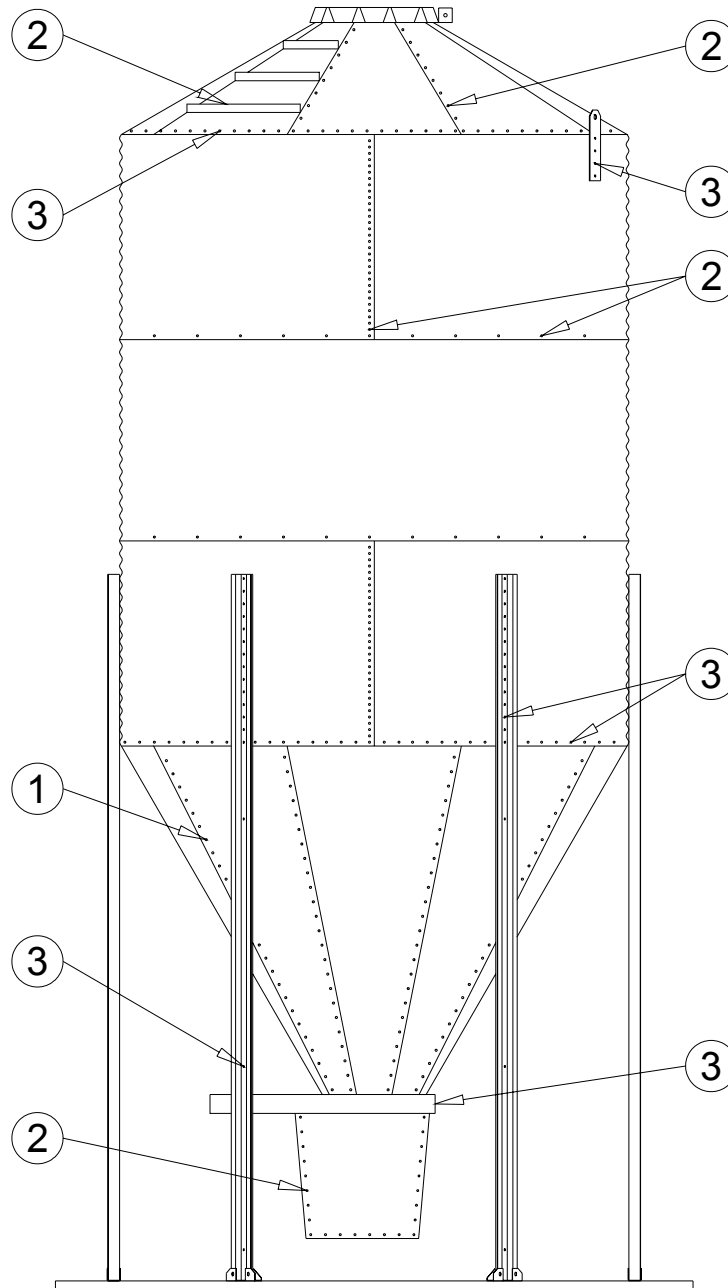
WALL SHEET LAYOUT

12' & 15' BULK-FLO BINS

12' Dia.	4 Sheets Req. Per Ring	Gauge & Color Code	15' Dia.	5 Sheets Req. Per Ring	Gauge & Color Code
1201		12 Gauge-Orange	1501		12 Gauge-Orange
1202		20 Gauge-Black 12 Gauge-Orange	1502		20 Gauge-Black 12 Gauge-Orange
1203		20 Gauge-Black 14 Gauge-Green 12 Gauge-Orange	1503		20 Gauge-Black 14 Gauge-Green 12 Gauge-Orange
1204		20 Gauge-Black 18 Gauge-Unpainted 14 Gauge-Green 12 Gauge-Orange	1504		20 Gauge-Black 17 Gauge-Red 14 Gauge-Green 12 Gauge-Orange
1205		20 Gauge-Black 18 Gauge-Green 17 Gauge-Red 14 Gauge-Green 12 Gauge-Orange	1505		20 Gauge-Black 17 Gauge-Red 15 Gauge-Yellow 14 Gauge-Green 12 Gauge-Orange
Refer to Notes on Page 18 for Wall Sheet installation.			1506		20 Gauge-Black 17 Gauge-Red 14 Gauge-Green 14 Gauge-Green 12 Gauge-Orange 12 Gauge-Orange

WALL SHEET GAUGES SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

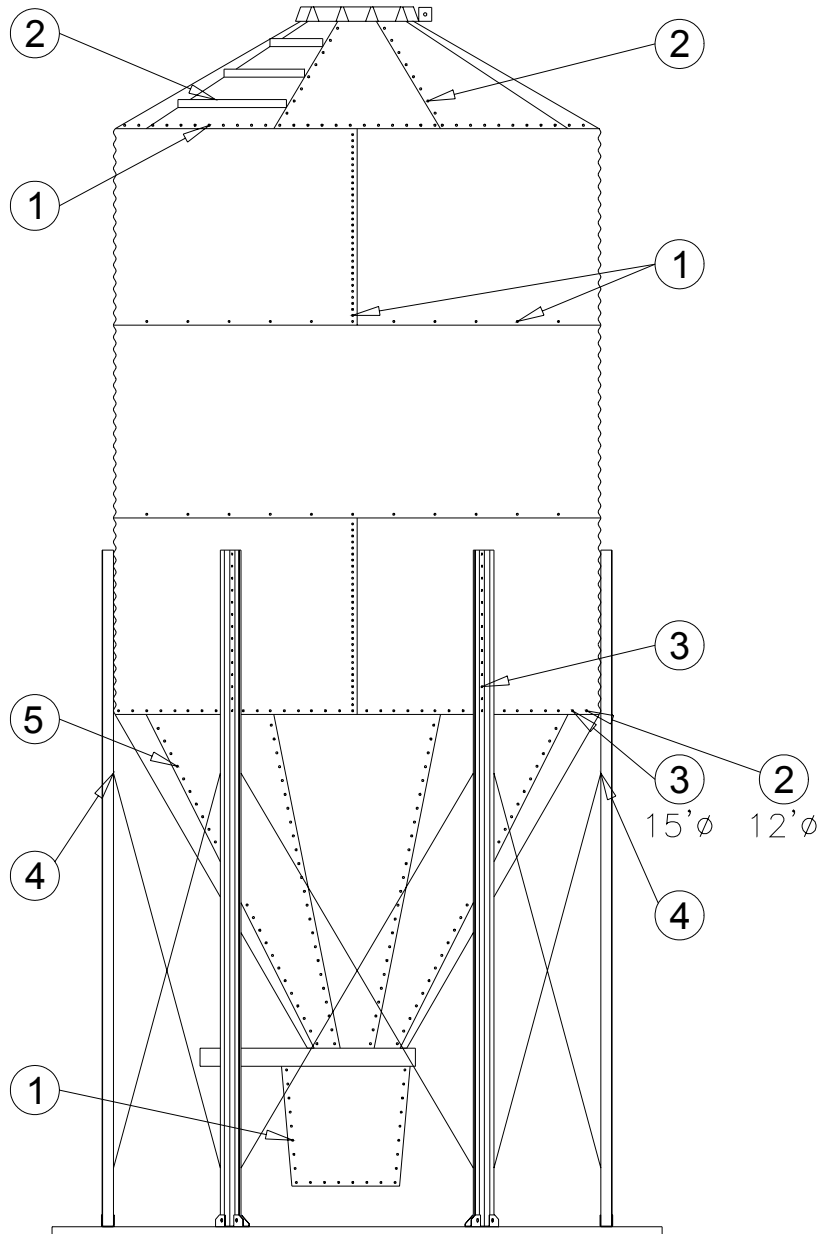
BOLT LAYOUT 6' & 9' BULK-FLO BINS



1	5/16" X 3/4" Truss Head Bolt w/ Washer	Hopper Assembly
2	5/16" X 3/4" Hex Head Bolt w/ Washer	Wall Sheet Seams, Roof Segments, Ladder Angles, Boot Assembly*
3	5/16" X 1 1/4" Hex Head Bolt w/ Washer	Ladder Channel, Lifting Lug, Legs to Wall, Leg Braces, Clean Out Gate for Boot Assembly, Slide Gate
* Boot Assembly Except for Clean Out Gate		

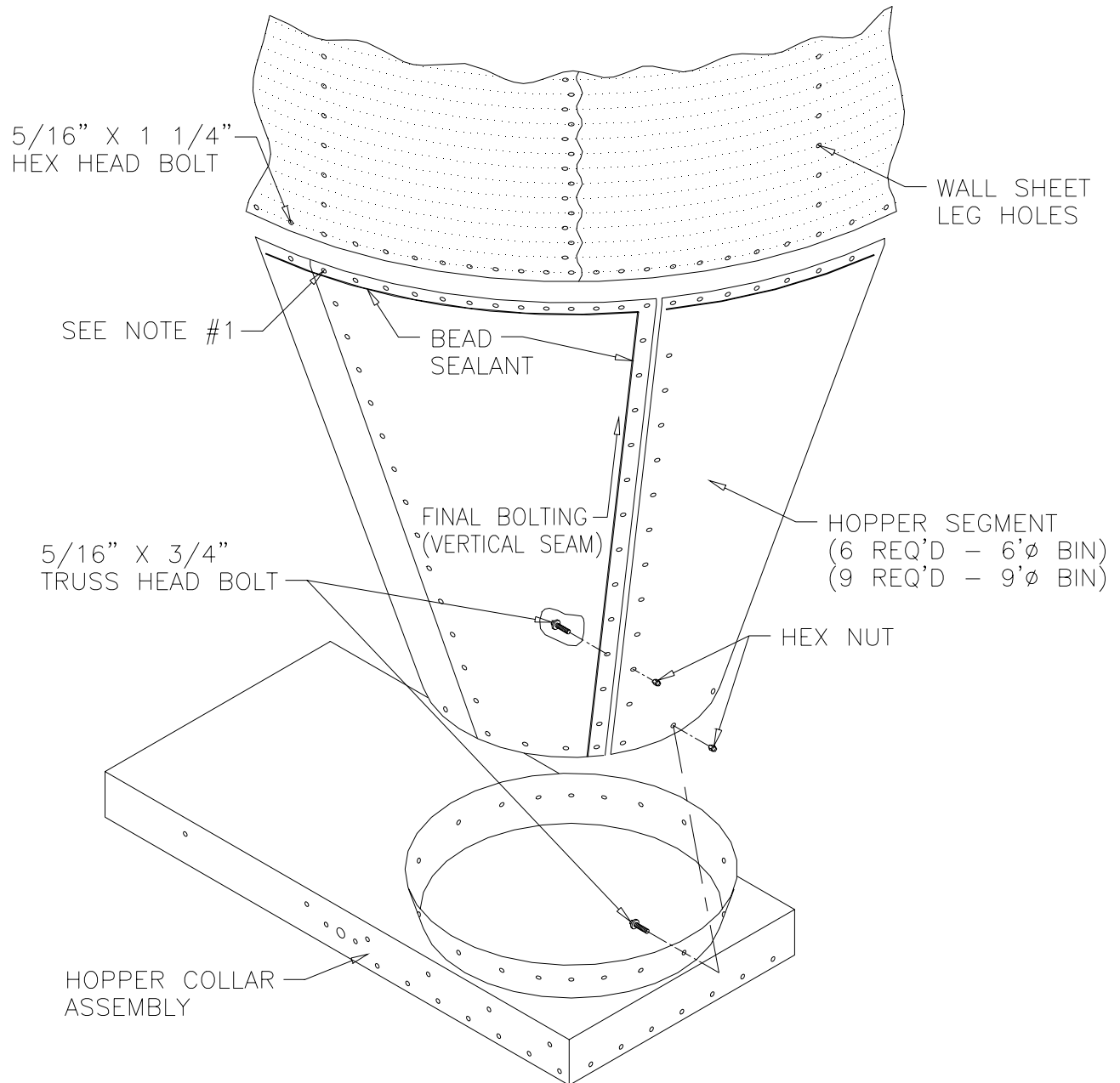
BOLT LAYOUT

12' & 15' BULK-FLO BINS



1	5/16" X 3/4" Hex Head Bolt w/ Washer	Wall Sheet Seams, Boot Assembly (Except for Clean Out Gate)
2	5/16" X 1 1/4" Hex Head Bolt w/ Washer	Roof Ladder Angles, Hopper to Wall Attachment (12'► Only), Roof Segments, Clean Out Gate (Boot), 12' Leg Brace Angles, Rack & Pinion Gate
3	3/8" X 1 1/2" Hex Head Bolt w/ Washer	Legs to Wall, Hopper to Wall Attachment (15'►)
4	1/2"► Hex Nut, Flat Washer & Hillside Washer	1/2"► Brace Rods (15'► Only)
5	3/8" X 1" Button Head Bolt	Hopper Panels

HOPPER ASSEMBLY 6' & 9' BULK-FLO BINS

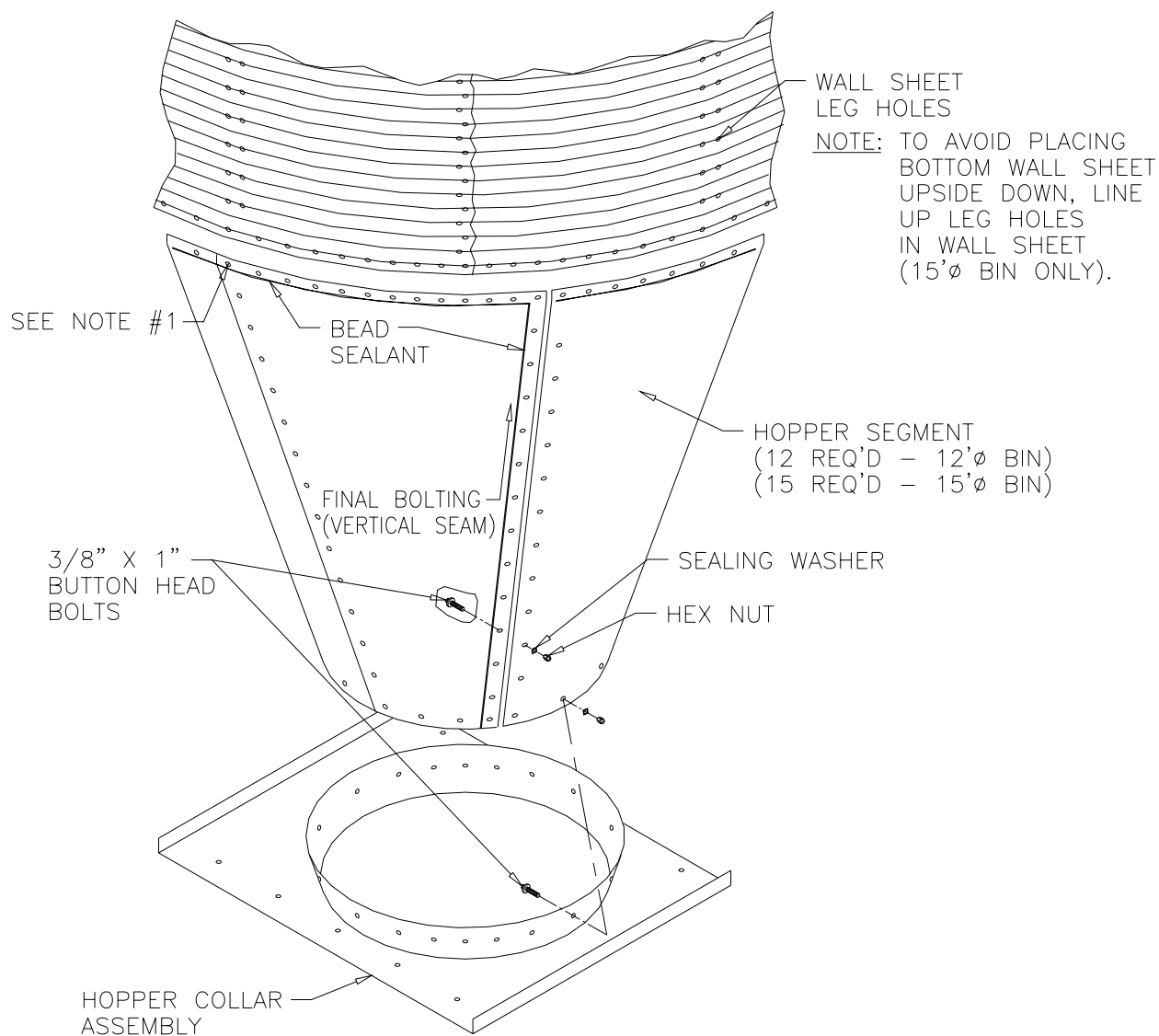


NOTES:

1. One hopper sheet seam must line up with leg bolt holes for proper boot alignment.
2. Hopper sheet segments fit inside wall sheet ring, overlap seams, leaving one seam unfastened.
3. Bolt hopper sheets to **outside** of hopper collar plate.
4. Bolt final hopper seam after collar plate is installed.
5. Do not tighten bolts until hopper assembly and collar plate have been properly installed.
6. Use bead sealant on all seams of hopper for weatherproofing.

HOPPER ASSEMBLY

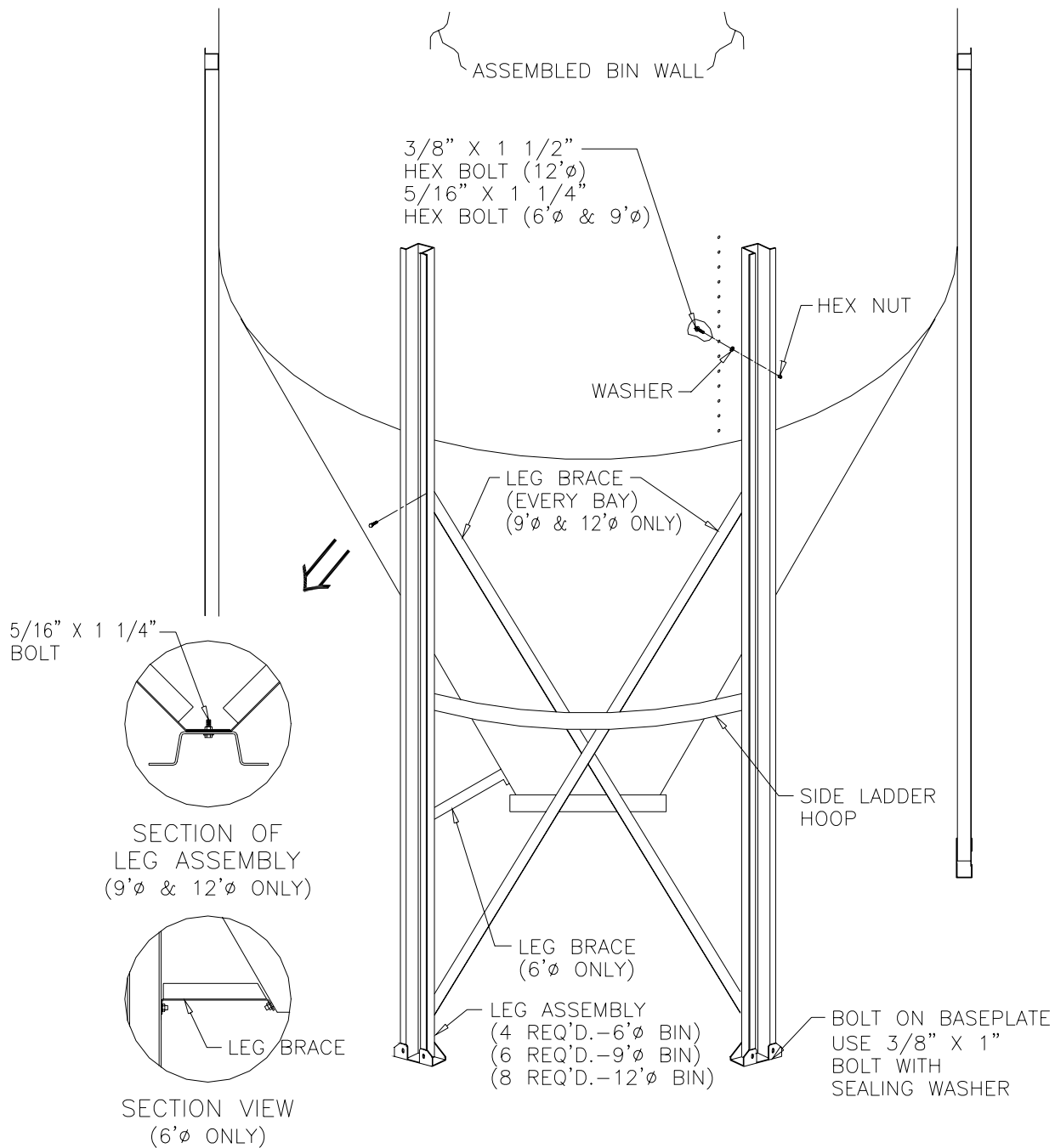
12' & 15' BULK-FLO BINS



NOTES:

1. One hopper sheet seam must line up with leg bolt holes for proper boot alignment.
2. Hopper segment sheets fit inside wall sheet ring, overlap seams, leaving one seam unfastened.
3. Bolt hopper sheets to outside of hopper collar plate.
4. Bolt final hopper seam after collar plate is installed.
5. Do not tighten bolts until hopper assembly and collar plate have been fitted.
6. Use bead sealant on all seams for weatherproofing.

LEG ASSEMBLY 6', 9' & 12' BULK-FLO BINS

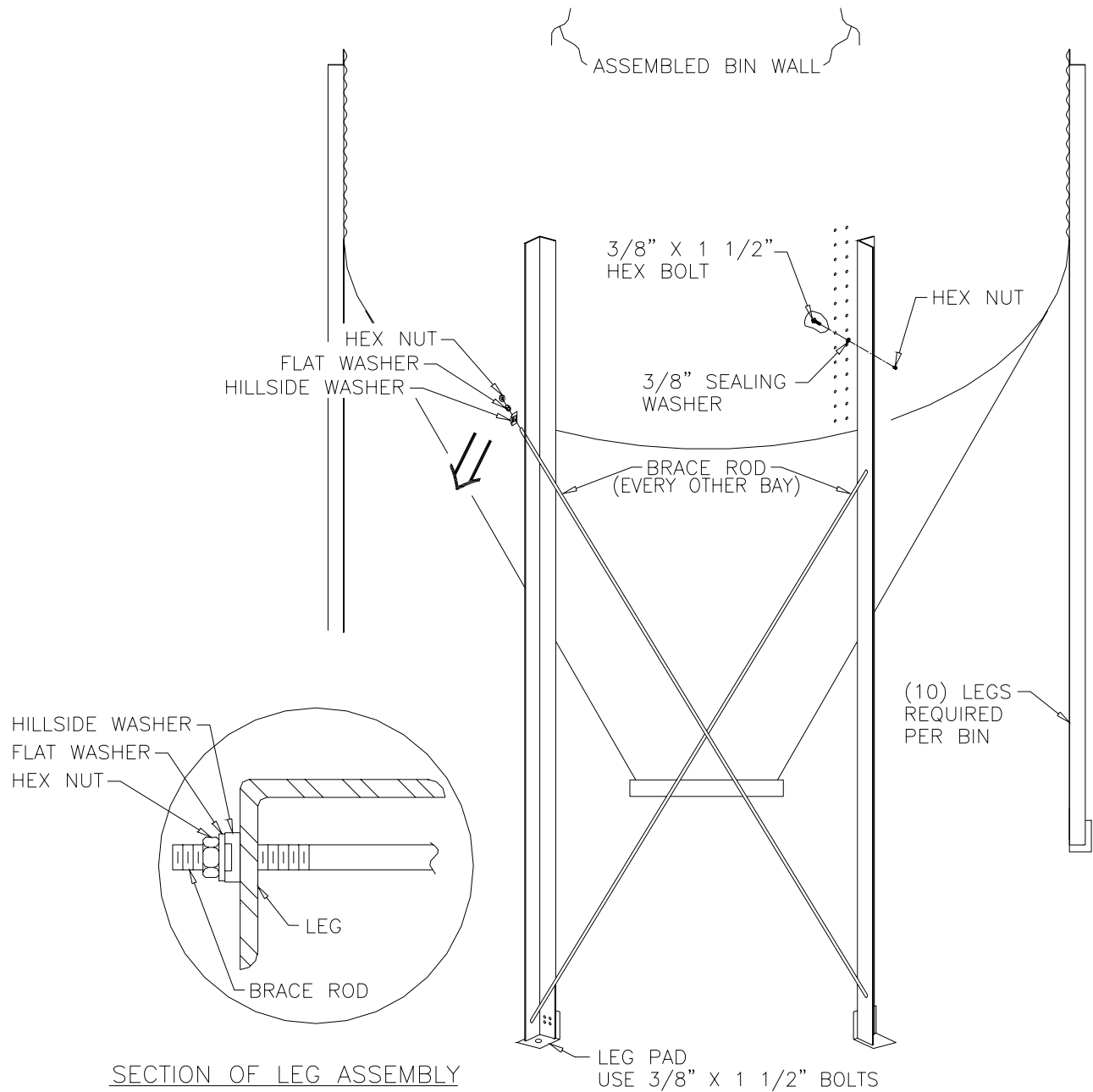


NOTES:

1. Attach each leg with hex bolts on inside of wall sheet and hex nuts on outside.
2. Leg braces are installed on back side of leg. (See detail – 9' & 12' Diameter Only).
3. Leave all bolts loose until leg assembly and bracing have been completed.
4. Tighten all bolts.

Field drill side ladder hoop for ladder brackets

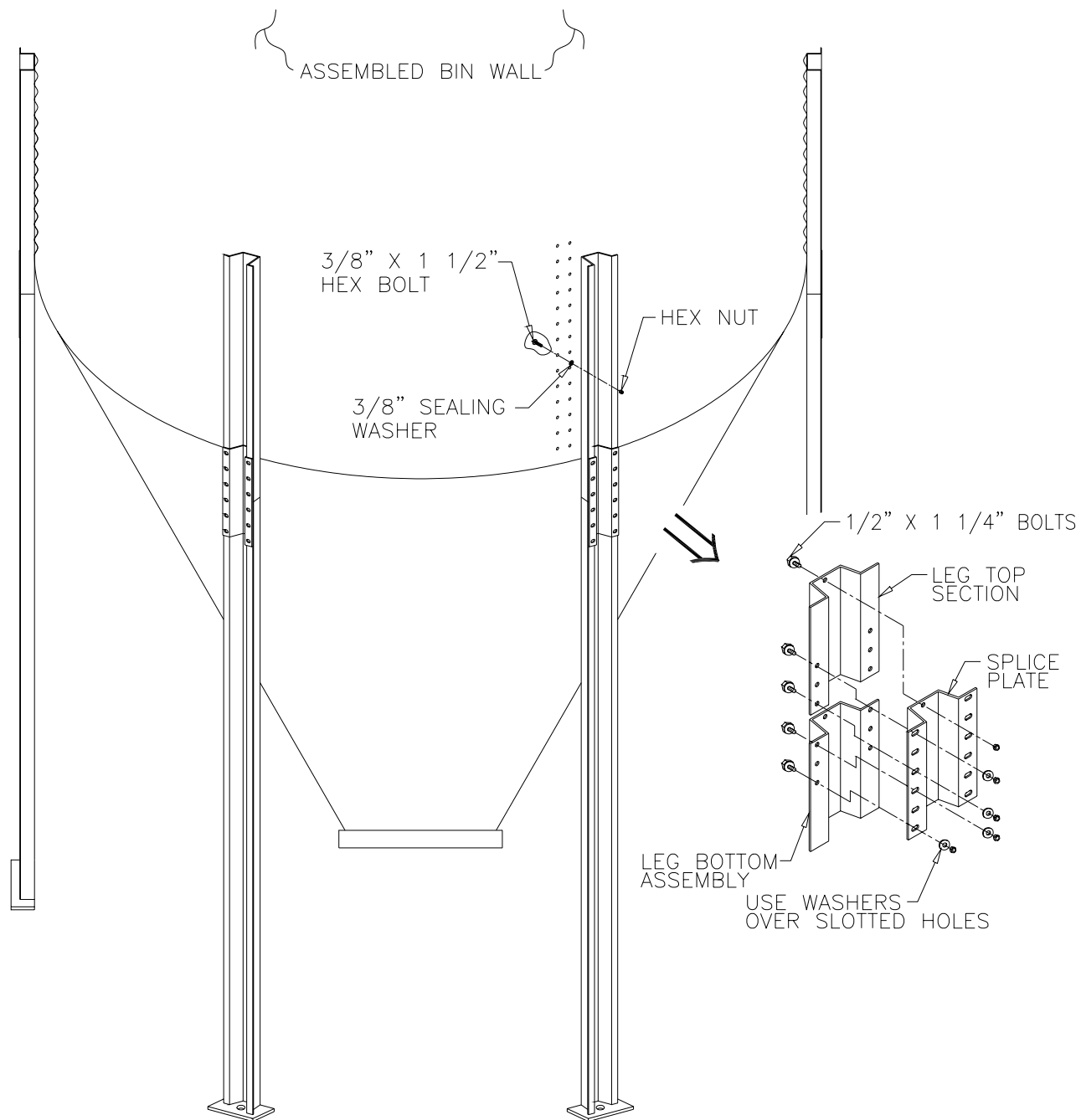
LEG ASSEMBLY 15' BULK-FLO BINS



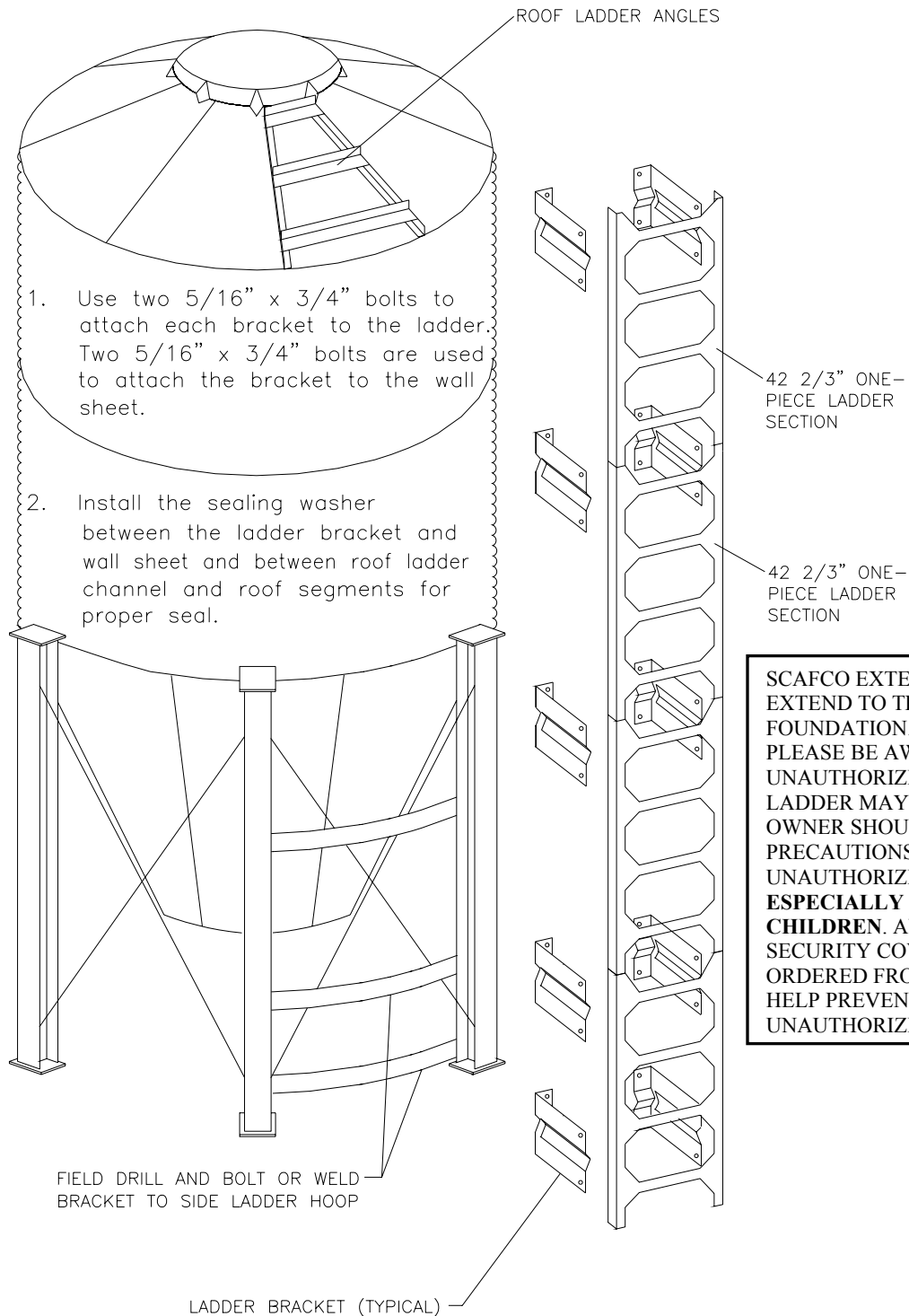
NOTES:

1. Install sealing washer between leg and wall sheet.
2. Install brace rods through slotted holes in leg angle (see detail).
3. Leave all bolts loose until leg assembly and brace rods have been installed.
4. Tighten all bolts.
5. Brace rods required every other bay.

LEG ASSEMBLY
HAT-STYLE LEG



LADDER ASSEMBLY



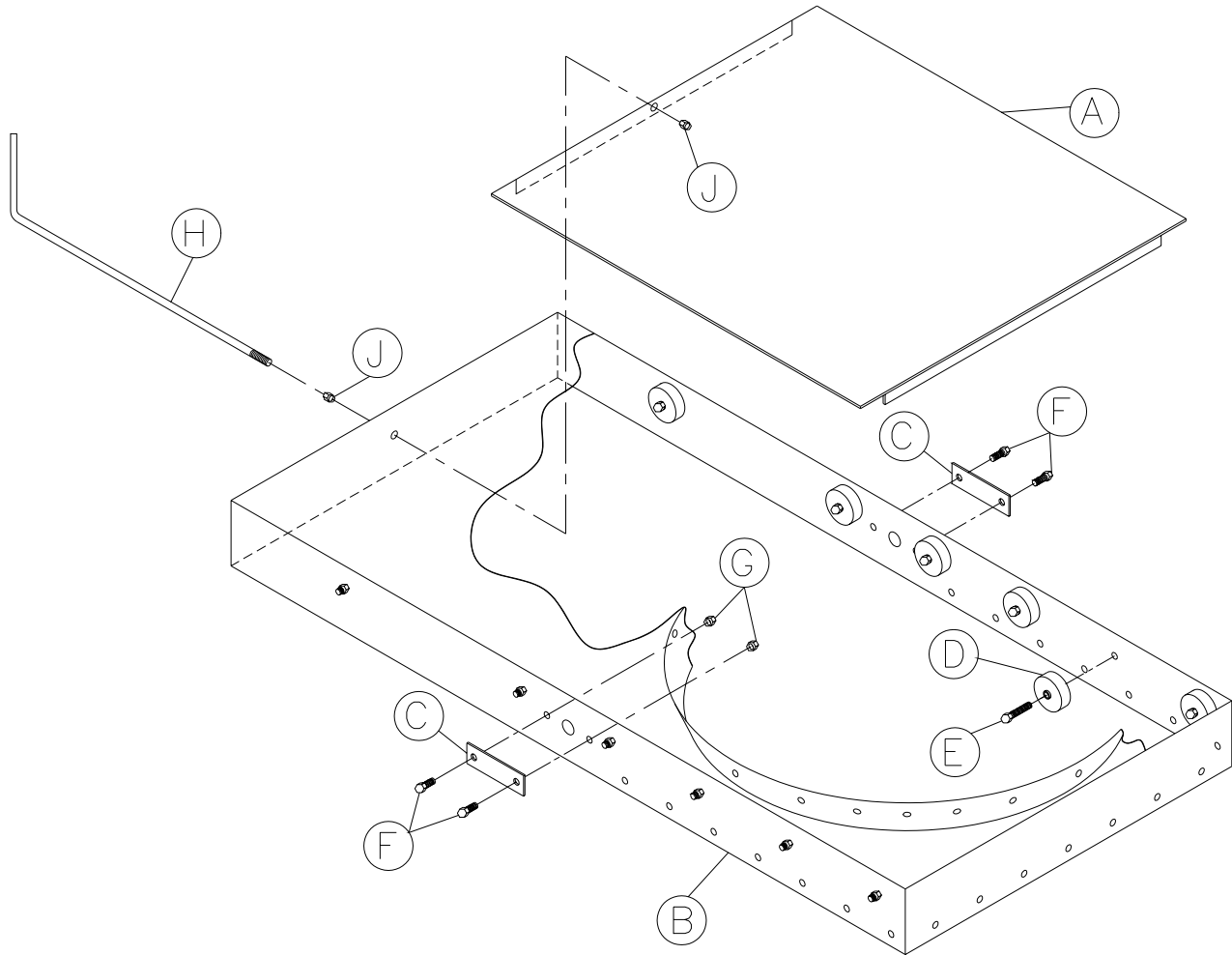
SCAFCO EXTERIOR LADDERS EXTEND TO THE TOP OF THE FOUNDATION. PLEASE BE AWARE THAT UNAUTHORIZED USE OF THE LADDER MAY OCCUR AND OWNER SHOULD TAKE PRECAUTIONS TO PREVENT THIS UNAUTHORIZED USE, **ESPECIALLY BY SMALL CHILDREN**. AN OPTIONAL SECURITY COVER CAN BE ORDERED FROM SCAFCO TO HELP PREVENT ANY UNAUTHORIZED ACCESS.

NOTES:

1. Use two 5/16" x 3/4" bolts to attach each bracket to the ladder. One 5/16" x 3/4" bolt is used to attach the bracket to the wall sheet.
2. Install the sealing washer between the ladder bracket and wall sheet and between roof ladder channel and roof segments for proper seal.

ROLLER GATE ASSEMBLY

6', 9', 12' & 15' - 60► BULK-FLO BINS

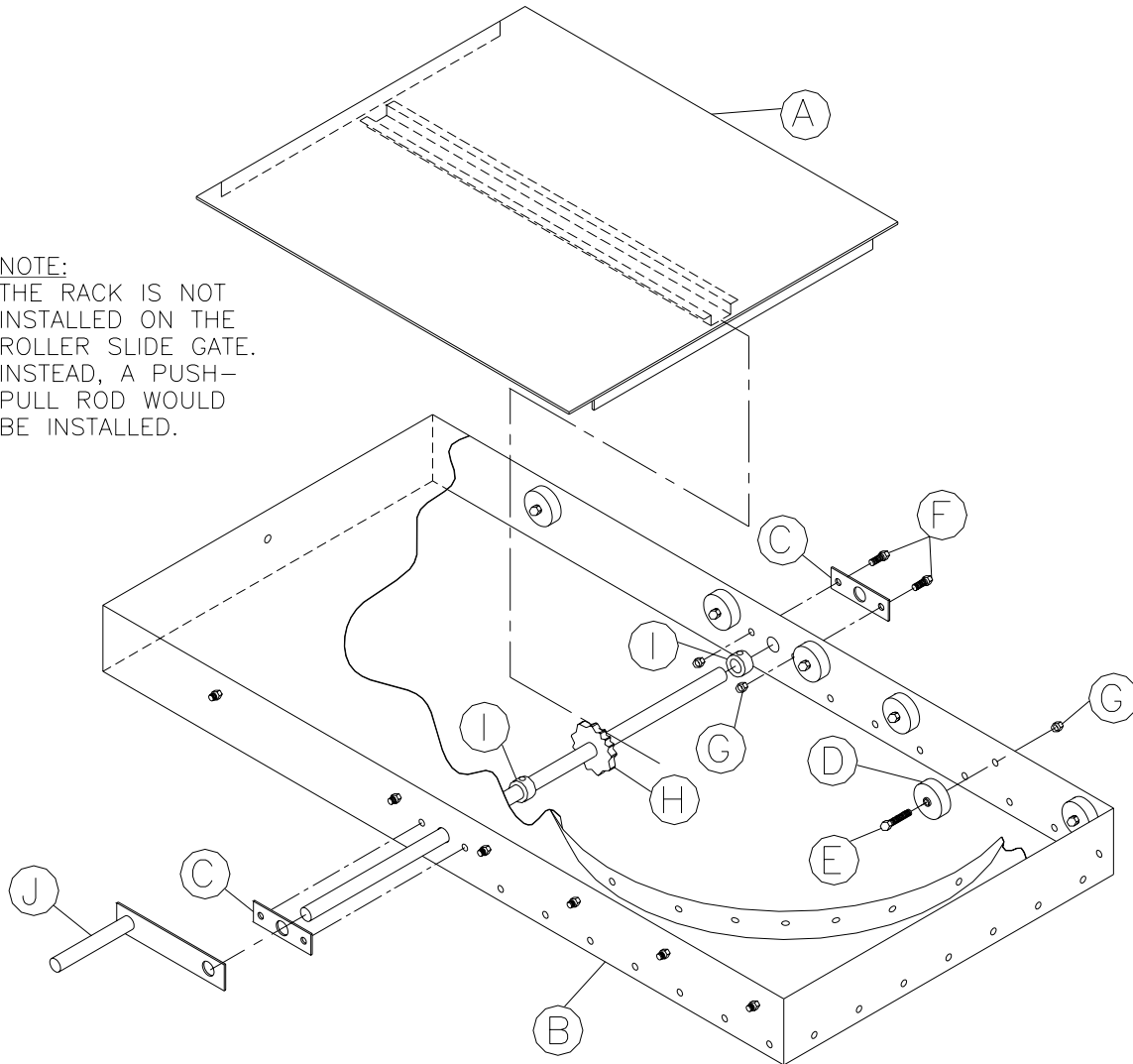


PART	DESCRIPTION	QTY.	PART NO.
A	ROLLER SLIDE GATE	1	225076
B	HOPPER COLLAR ASSY. 6' & 9' HBT (INCLUDED WITH BIN)	1	221004
B	HOPPER COLLAR ASSY. 12'-60► HBT (INCLUDED WITH BIN)	1	221005
B	HOPPER COLLAR ASSY. 15'-60► HBT	1	221122
C	DOUBLER PLATE LESS CENTER HOLE	2	225085
D	ROLLER WHEEL	12	229006
E	5/16" X 1 1/2" HH BOLT W/ SW	12	290003
F	5/16" X 3/4" HH BOLT W/ SW	4	290001
G	5/16"- 18 HEX NUT	16	290010
H	PUSH-PULL ROD	1	290076
J	3/8"- 16 HEX NUT	2	290014

ROLLER SLIDE OR RACK & PINION GATE ASSEMBLY

6', 9', 12' & 15' - 60► BULK-FLO BINS

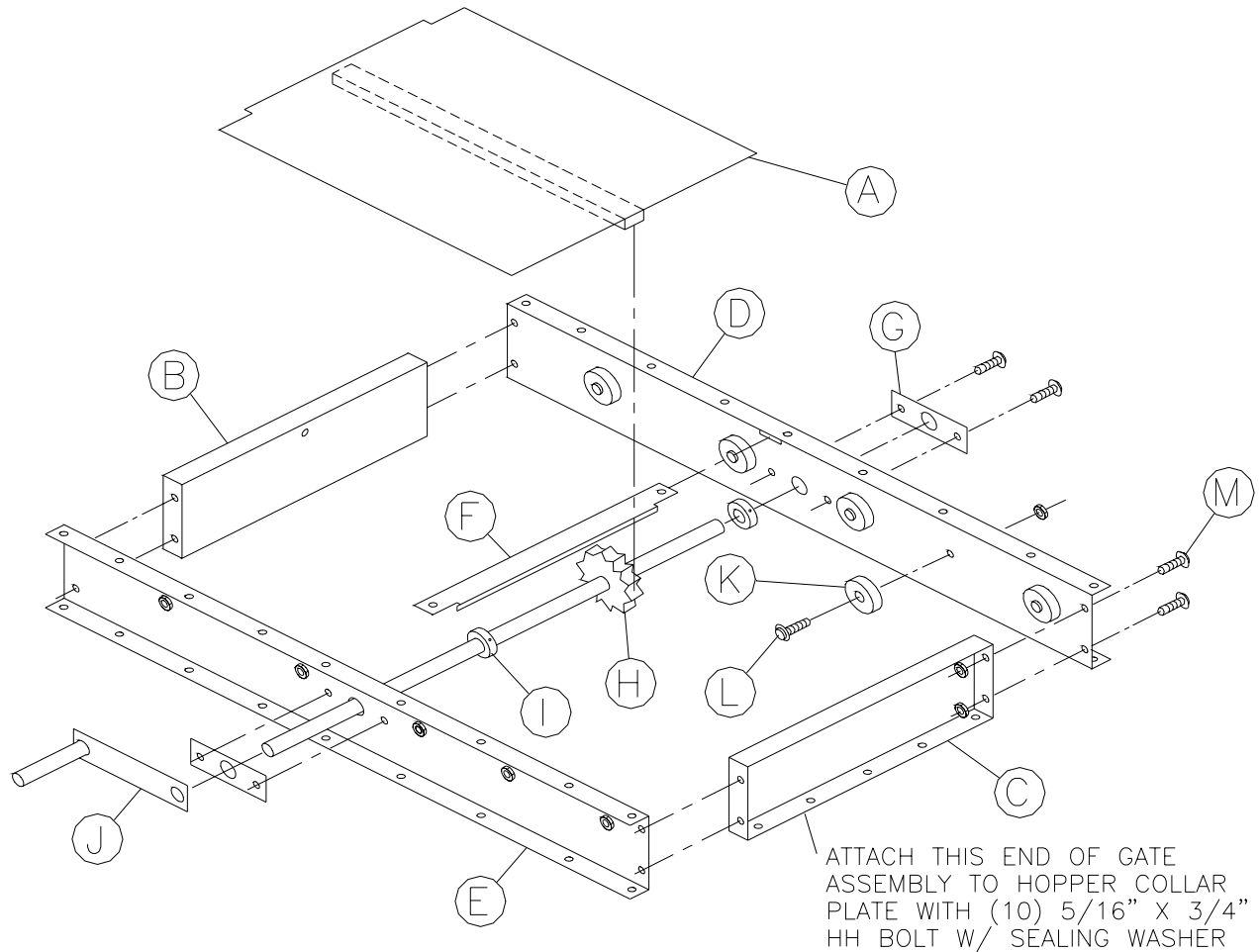
NOTE:
THE RACK IS NOT
INSTALLED ON THE
ROLLER SLIDE GATE.
INSTEAD, A PUSH-
PULL ROD WOULD
BE INSTALLED.



PART	DESCRIPTION	QTY.	PART NO.
*A	RACK & PINION GATE OR	1	221016
A	ROLLER SLIDE GATE	1	225076
B	HOPPER COLLAR ASSY. 6' & 9' HBT (INCLUDED WITH BIN)	1	221004
B	HOPPER COLLAR ASSY. 12'-60► HBT (INCLUDED WITH BIN)	1	221005
B	HOPPER COLLAR ASSY. 15'-60► HBT	1	221122
*C	DOUBLER PLATE WITH CENTER HOLE OR	2	225062
C	DOUBLER PLATE LESS CENTER HOLE	2	225085
D	ROLLER WHEEL	12	229006
E	5/16" X 1 1/2" HH BOLT W/ SW	12	290003
F	5/16" X 3/4" HH BOLT W/ SW	4	290001
G	5/16"- 18 HEX NUT	16	290010
*H	SPROCKET DRIVE ASSEMBLY	1	221054
*I	1" BORE LOCK COLLAR	2	290953
*J	CONTROL CRANK	1	229005
*NOT INCLUDED WITH ROLLER SLIDE GATE			

GATE ASSEMBLY

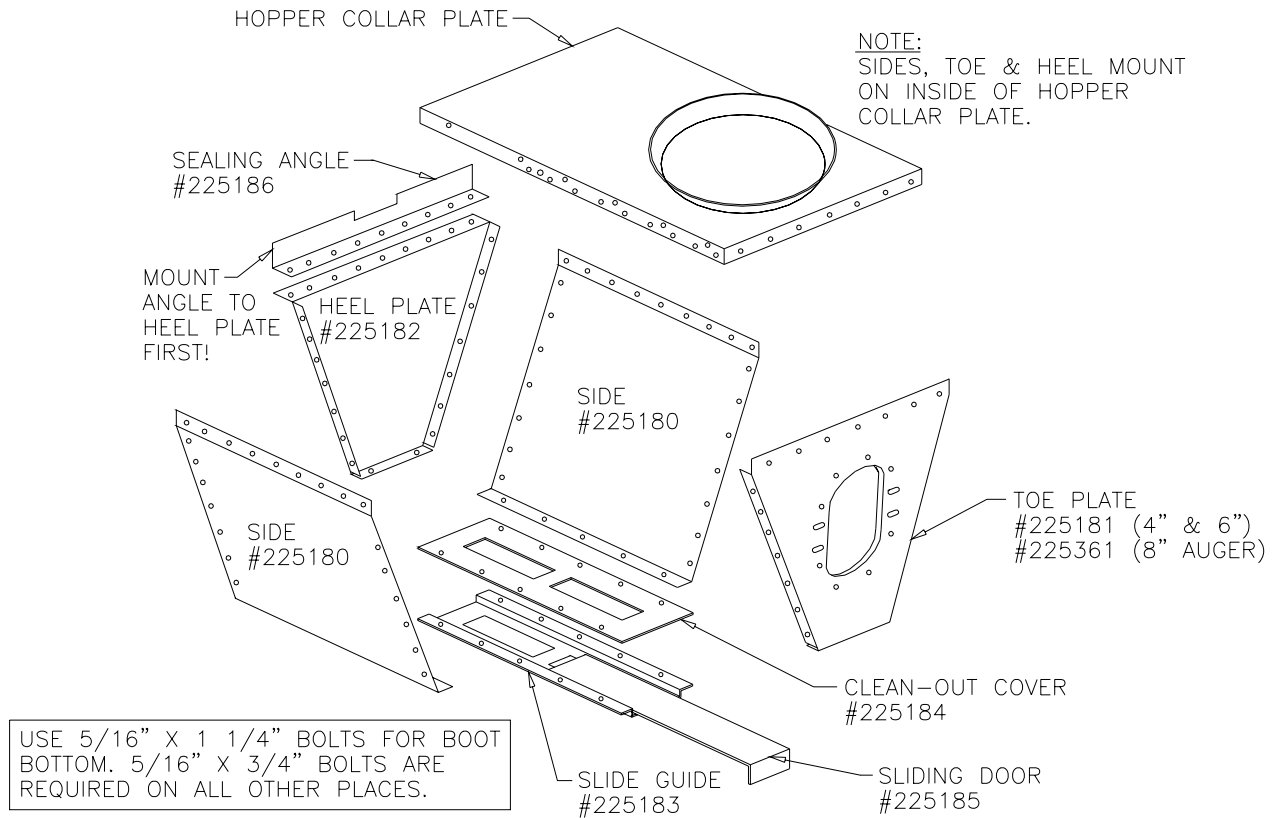
12' & 15' - 45► BULK-FLO BINS



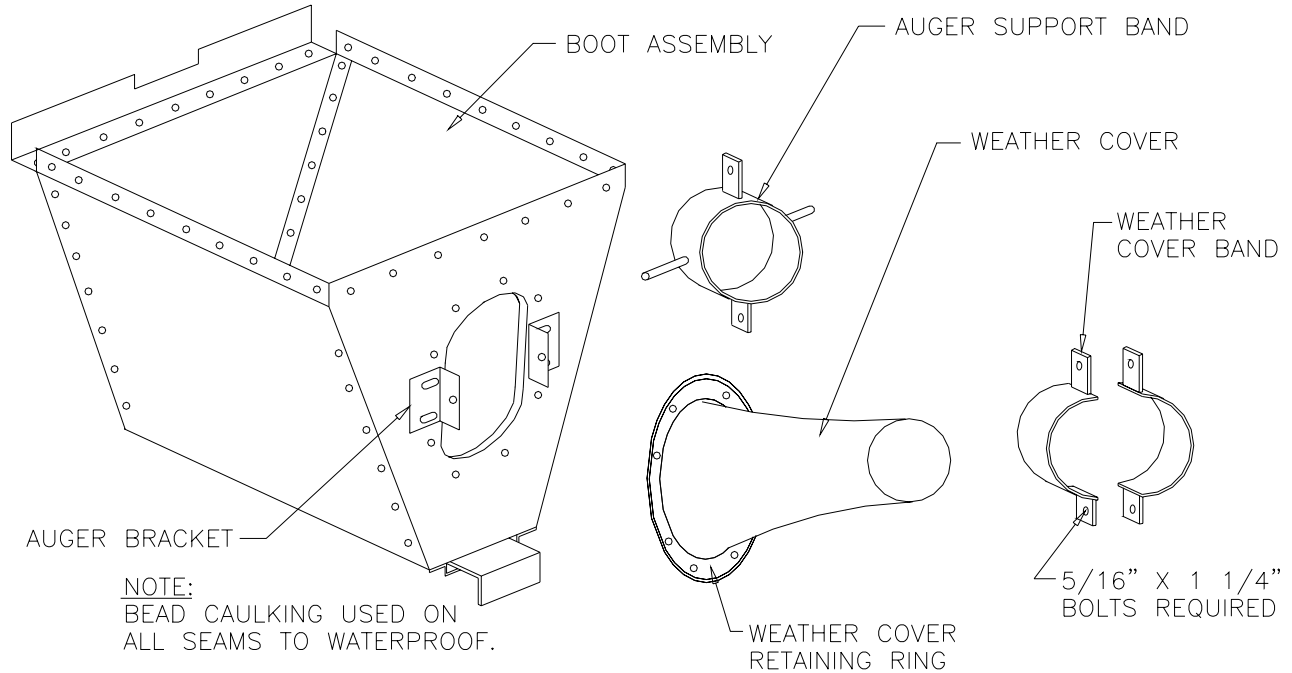
PART	DESCRIPTION	QTY.	PART NO.
A	RACK & PINION GATE (WITH RACK)	1	221013
	*ROLLER SLIDE GATE (NO GATE)	1	225063
B	END CAP WITH HOLE FOR PUSH-PULL ROD	1	225086
C	END CAP WITH (5) BOTTOM FLANGE HOLES	1	225060
D	LEFT HAND SIDE RAIL	1	225058
E	RIGHT HAND SIDE RAIL	1	225059
F	UPPER GATE SEAL (MUST BE INSERTED THROUGH TOP SLOT IN EACH SIDE RAIL BEFORE SIDE RAILS ARE ASSEMBLED TO END CAPS)		225061
G	DOUBLER PLATE WITH CENTER HOLE (RACK & PINION GATE)	2	225062
	DOUBLER PLATE LESS CENTER HOLE (ROLLER GATE)	2	225085
H	DRIVE ASSEMBLY (RACK & PINION ONLY)	1	221054
I	LOCK COLLAR (RACK & PINION ONLY)	2	290953
J	CONTROL PULLEY WHEEL (RACK & PINION ONLY)	1	229005
K	ROLLER WHEEL	10	229006
L	5/16" X 1 1/2" HH BOLT W/ SW & NUT (ROLLER WHEELS ONLY)	10	290003
M	5/16" X 3/4" HH BOLT W/ SW & NUT	12	290001
*ROLLER SLIDE GATE ATTACHES TO PUSH-PULL ROD #290077, INSERTED THROUGH HOLE IN CENTER FACE OF END CAP B #225086			



4" OR 6" BOOT ASSEMBLY



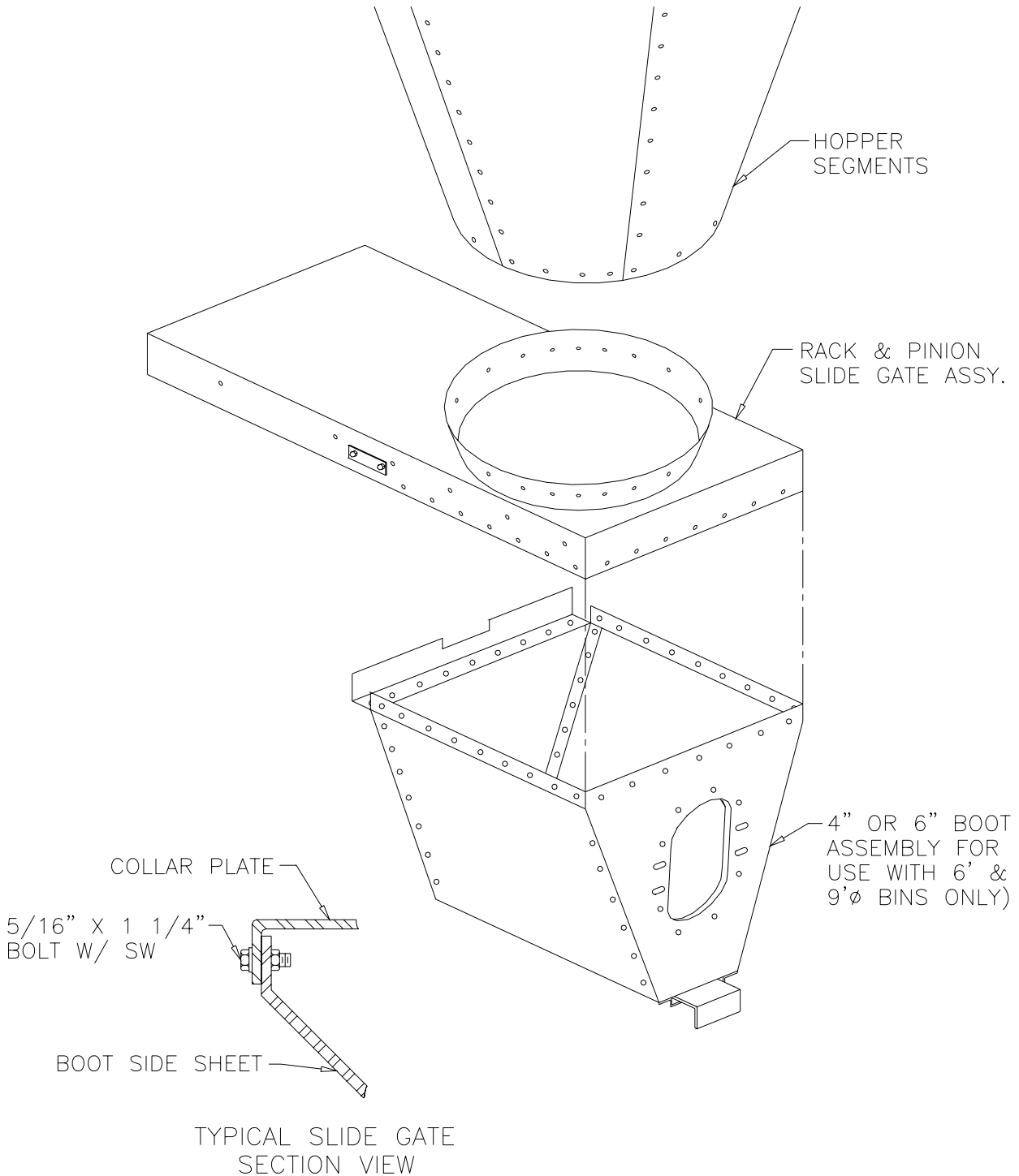
AUGER ATTACHMENT



VARIATIONS MAY OCCUR IN PRODUCT APPEARANCE
AND ASSEMBLY DUE TO MANUFACTURING CHANGES.

GATE & BOOT INSTALLATION

6' & 9' BULK-FLO BINS

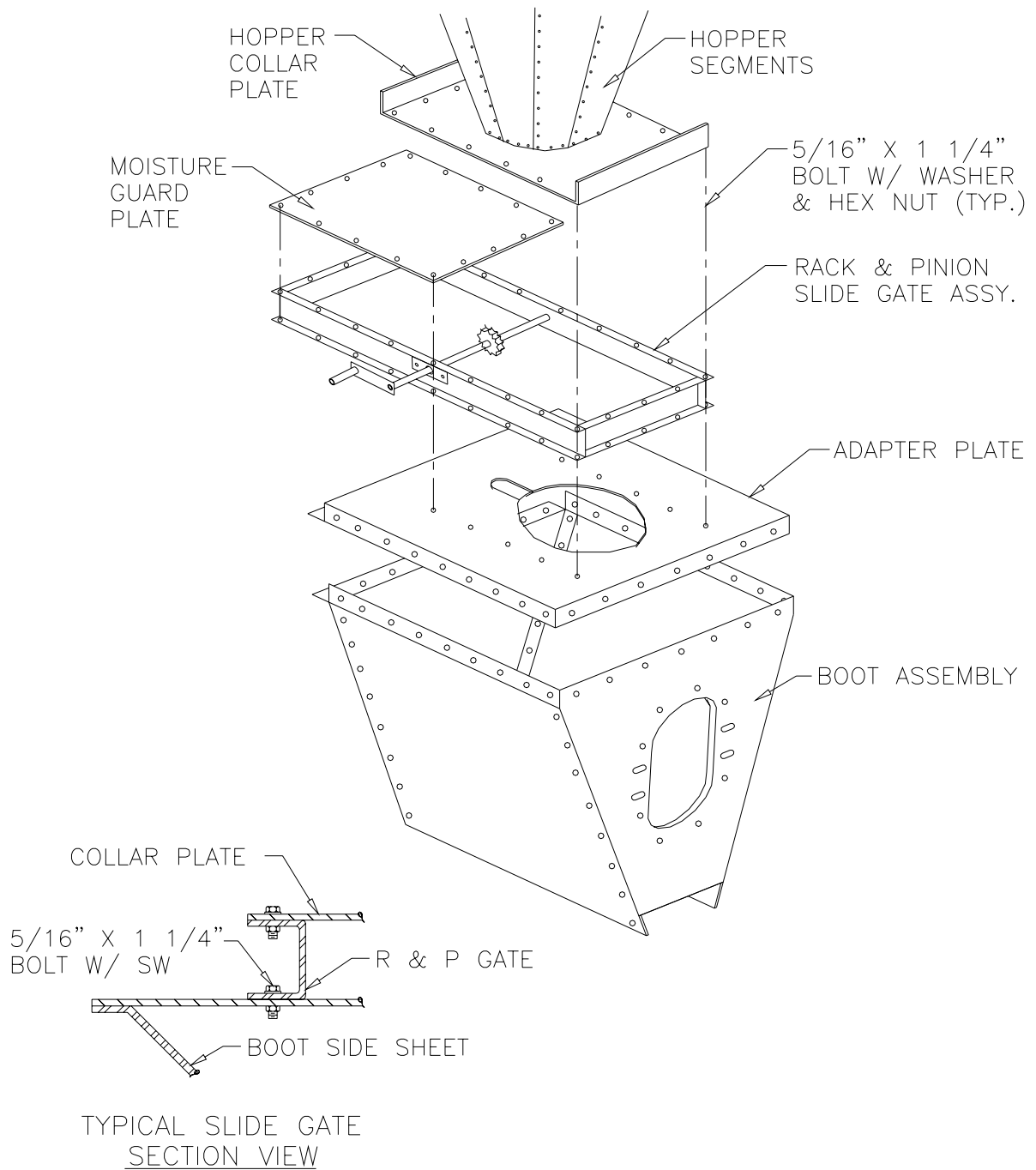


NOTES:

1. Slide gate, boot assembly and collar plate should be centered between desired pair of legs with auger opening in required direction.
2. Keep bolts loose until collar plate, slide gate and boot assembly are in proper place.
3. Use bead sealant on all seams for weatherproofing.

GATE & BOOT INSTALLATION

12' & 15' BULK-FLO BINS



NOTES:

1. Slide gate, boot assembly and collar plate should be centered between desired pair of legs with auger opening in required direction.
2. Keep bolts loose until collar plate, slide gate and boot assembly are in proper place.
3. Use bead sealant on all seams for weatherproofing.



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